

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING: 2290



**LEAD-BASED PAINT SURVEY
 REPORT FOR BUILDING NO. 2290, PREVENTATIVE MEDICINE BLDG.
 FORT McCLELLAN, ALABAMA**

Introduction

1. This is the lead-based paint (LBP) field survey report for Building No. 2290 located at Fort McClellan, Alabama. This report documents the LBP field results for this building.
2. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.
3. A brief summary of the LBP survey is provided in this report. The actual field XRF readings for this structure appear in Table 1. Photographs of the unit appear as Figures. The building floorplan, showing the locations of the XRF readings testing positive, appears as Plate 1.
4. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test" ⁽¹⁾ mode is normally used for routine readings. Readings testing "positive" ⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm^2), whereas, "negative" refers to readings of $0.7 \text{ mg}/\text{cm}^2$ or less. According to the HUD guidelines, positive readings for this instrument are greater than $1.3 \text{ mg}/\text{cm}^2$. "Inconclusive" readings are those that fall between $0.7 \text{ mg}/\text{cm}^2$ and $1.3 \text{ mg}/\text{cm}^2$.

⁽¹⁾ The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

⁽²⁾ **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm^2
Test	0.7 - 1.3	mg/cm^2
Confirm	0.85 - 1.15	mg/cm^2

5. The "action level" defined in the HUD Interim Guidelines is a lead concentration above 1.0 mg/cm². Lead concentrations in this report are shown for both K-shell and L-shell in Table 1. The L-shell XRF reading is essentially for the top 1 or 2 surface paint layers, whereas, the K-shell is total lead applicable for multi-layered paint surfaces. HUD Guidelines specify that the K-Shell results be used for evaluating XRF readings.

6. In this report paint condition stated as "good" is defined as intact; "fair" as intact but worn (minor chips from wear and tear but no adhesion or substrate problems); "poor" as severely worn or no longer adhering or, substrate deterioration (e.g., peeling, flaking, cracking, etc.).

Discussion

7. Building No. 2290 is a one story, masonry block structure reportedly built in 1955. The building has painted metal windows and door frames with wood doors. It has painted metal downspouts and handrails. Photographs of Building No. 2290 appear as Figures 1, 2, and 3.

8. A total of sixty-four (64) XRF measurements were made at Building No. 2290. Eight were determined to be positive for lead-based paint. One positive reading was obtained on the interior and seven on exterior surfaces and components. Refer to Table 1 for all XRF readings. Positive LBP values are shown in bold type. Plate 1 is a generalized floorplan showing the specific locations in which positive readings were obtained.

Interior Summary

9. With the exception of the brown screened doors at the entryways, there was no lead-based paint found in the interior of Building No. 2290. These doors appeared to be older than the other door components in the building.

Exterior Summary

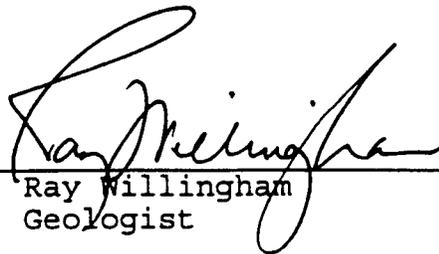
10. All exterior painted wood doors contain positive levels of lead-based paint. The following painted metal components and surfaces also tested positive for LBP:

- a. door frames
- b. overhang support poles
- c. window casings and frames
- d. walkway handrails
- e. rain downspouts

aint Condition

11. All interior paint was in good condition. Some of the positive exterior paint was in fair to poor condition.

Prepared By: 
Larry Martin
Civil Engineering Tech.

Reviewed By: 
Ray Willingham
Geologist

encl:

- Table 1 (XRF readings)
- Figures (photos)
- Plate 1 (floorplan)

Date Surveyed: 4 November 1993
 Surveyed By: KB, LM

TABLE 1
Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094022894070001	1.2	1.3	85	N/A	Calibration Check
7094022894070001	1.1	1.3	85	N/A	Calibration Check
7094022894070001	1.3	1.3	85	N/A	Calibration Check
7094022894070001	1.2	1.3	85	N/A	Calibration Check
7094022894070001	1.5	1.3	85	N/A	Calibration Check
0000.	-0.1	-0.1	85	N/A	Blank
1.63	1.4	1.5	85	N/A	NIST Std. = 1.63

INTERIOR XRF READINGS

Room 1 (Waiting/Reception Room)

2290.1.1	0.4	0.2	85	Good	Brown Metal Door Jamb
2290.1.2	0.1	-0.1	21	Good	Brown Wood Door
2290.1.3	-0.9	-0.2	21	Good	White Plaster Wall
2290.1.4	-1.4	-0.1	21	Good	White Plaster Wind Casing
2290.1.5	-1.1	-0.2	21	Good	White Plaster Column
2290.1.6	0.2	-0.1	85	Good	Brown Metal Window Casing
2290.1.7	0.0	-0.1	21	Good	Brown Wood Door
2290.1.8	0.6	-0.1	85	Good	Brown Metal Door Jamb
2290.1.9	0.4	0.0	85	Good	Brown Metal Window Sill
2290.1.10	0.4	0.1	85	Good	Green Metal Cabinet
2290.1.11	-1.5	-0.2	21	Good	White Plaster Ceiling
2290.1.12	2.0	1.0	21	Good	Unpainted Green Ceramic Block
(Note: This is not a positive paint result, the lead is in the ceramic glazing)					
2290.1.13	-1.1	-0.1	21	Good	White Plaster Wall
2290.1.14	0.2	0.1	85	Good	Brown Metal Panel
2290.1.15	0.1	-0.1	85	Good	White Metal Tract Cover
2290.1.16	0.0	-0.0	85	Fair	Brown Wood Door

Values in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Office)					
2290.2.1	-1.9	-0.1	21	Good	White Plaster Wall
2290.2.2	0.1	-0.1	85	Good	Brown Metal Window Casing
2290.2.3	0.2	-0.2	85	Good	Brown Metal Door Jamb
2290.2.4	-0.1	-0.1	21	Good	Brown Wood Door
2290.2.4	0.1	-0.1	21	Good	Duplicate
7094022894083501	1.2	1.3	85	N/A	Calibration Check
Room 3 (Office)					
2290.3.1	0.5	-0.0	85	Good	Brown Metal Window Sill
2290.3.2	0.3	-0.0	85	Good	White Metal Panel
2290.3.3	-0.0	-0.1	21	Good	Brown Wood Door
2290.3.4	0.2	-0.1	85	Good	Brown Metal Door Casing
2290.3.5	9.6	0.0	21	Good	White Sheetrock Wall (Note: X-Ray Room (lead-core wall))
2290.3.6	0.6	-0.1	85	Good	White Wood Upper Trim
2290.3.7	-1.5	-0.2	21	Good	White Plaster Upper Wall
2290.3.8	-1.0	-0.1	21	Good	White Plaster Ceiling
Room 4 (Doctor's Office)					
2290.4.1	0.3	-0.0	85	Good	Brown Metal Door
2290.4.2	0.2	-0.1	85	Good	Brown Metal Window Casing
2290.4.3	0.5	0.0	85	Good	Brown Metal Window Sill
2290.4.4	-0.7	-0.1	21	Good	White Plaster Lower Wall
2290.4.5	-0.1	-0.2	85	Good	Brown Metal Door Jamb

Values in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 5 (Hallway)					
2290.5.1	3.5	0.8	21	Good	Brown Wood Screened Door
2290.5.2	0.1	-0.0	21	Good	Brown Wood Door
2290.5.3	0.5	-0.1	85	Good	Brown Metal Door Jamb
2290.5.4	-0.2	-0.1	21	Good	Brown Wood Door
2290.5.5	0.2	-0.1	21	Good	Brown Wood Door
2290.5.6	-1.8	-0.2	21	Good	White Plaster Wall
2290.5.7	2.5	1.2	21	Good	Brown Wood Screened Door
Room 6 (Office)					
2290.6.1	-2.0	-0.1	21	Good	White Plaster Ceiling
2290.6.2	0.4	-0.1	85	Good	Brown Metal Window Casing
2290.6.3	0.3	-0.1	21	Good	Brown Wood Door
Room 7 (Women's Restroom)					
2290.7.1	-0.4	-0.1	21	Good	White Plaster Wall
2290.7.2	0.2	-0.2	85	Good	Brown Metal Door Jamb
Room 8 (Men's Restroom)					
2290.8.1	-1.5	-0.1	21	Good	White Plaster Ceiling
2290.8.1	-0.7	-0.1	21	Good	Duplicate
7094022894100001	1.1	1.2	85	N/A	Calibration Check
2290.8.2	0.5	0.1	85	Good	White Metal Stall
Room 9 (Laboratory)					
2290.9.1	0.6	0.1	85	Good	White Metal Window Sill

Values in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
 Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 10 (Office)					
2290.10.1	0.6	0.1	85	Poor	Green Metal Window Sill
2290.10.2	0.2	-0.1	21	Good	White Sheetrock Wall
2290.10.3	0.3	-0.2	85	Good	White Wood Baseboard
EXTERIOR XRF READINGS					
2290.1	2.7	1.2	21	Fair	Brown Metal Railing
2290.2	1.7	0.3	21	Fair	Brown Wood Door
2290.3	-0.8	-0.1	21	Good	Brown Concrete Column
2290.4	-1.6	-0.1	21	Good	Tan Block Wall
2290.5	-0.7	-0.1	21	Good	Tan Concrete Foundation
2290.6	2.5	1.4	21	Fair	Tan Metal Downspout Base
2290.7	3.4	1.7	21	Poor	Tan Metal Downspout
2290.8	-0.4	-0.0	21	Good	Brown Concrete Cloumn
2290.9	3.5	2.0	85	Good	Brown Metal Window Casing
2290.10	-0.6	-0.1	21	Good	Tan Block Wall
2290.11	-0.3	-0.1	21	Good	Tan Concrete Porch Ceiling
2290.12	9.8	3.1	21	Fair	Brown Metal Support Pole
2290.13	4.1	1.7	85	Good	Brown Metal Door Casing
7094022894115001	1.4	1.3	85	N/A	Calibration Check
7094022894115001	1.3	1.3	85	N/A	Calibration Check
7094022894162001	1.4	1.3	85	N/A	Calibration Check
	1.63	1.4	85	N/A	NIST Std. = 1.63

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Figure 1. Front view of the Preventative Medicine Building No. 2290 at Fort McClellan in Alabama.



Figure 2. Rear view of Building No. 2290

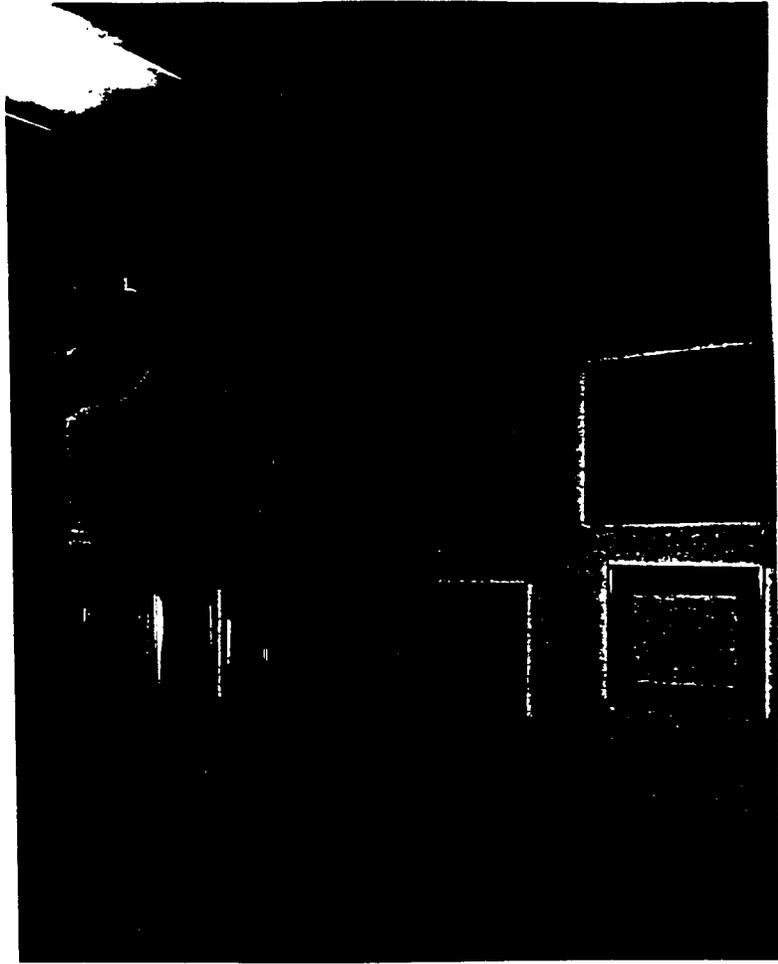
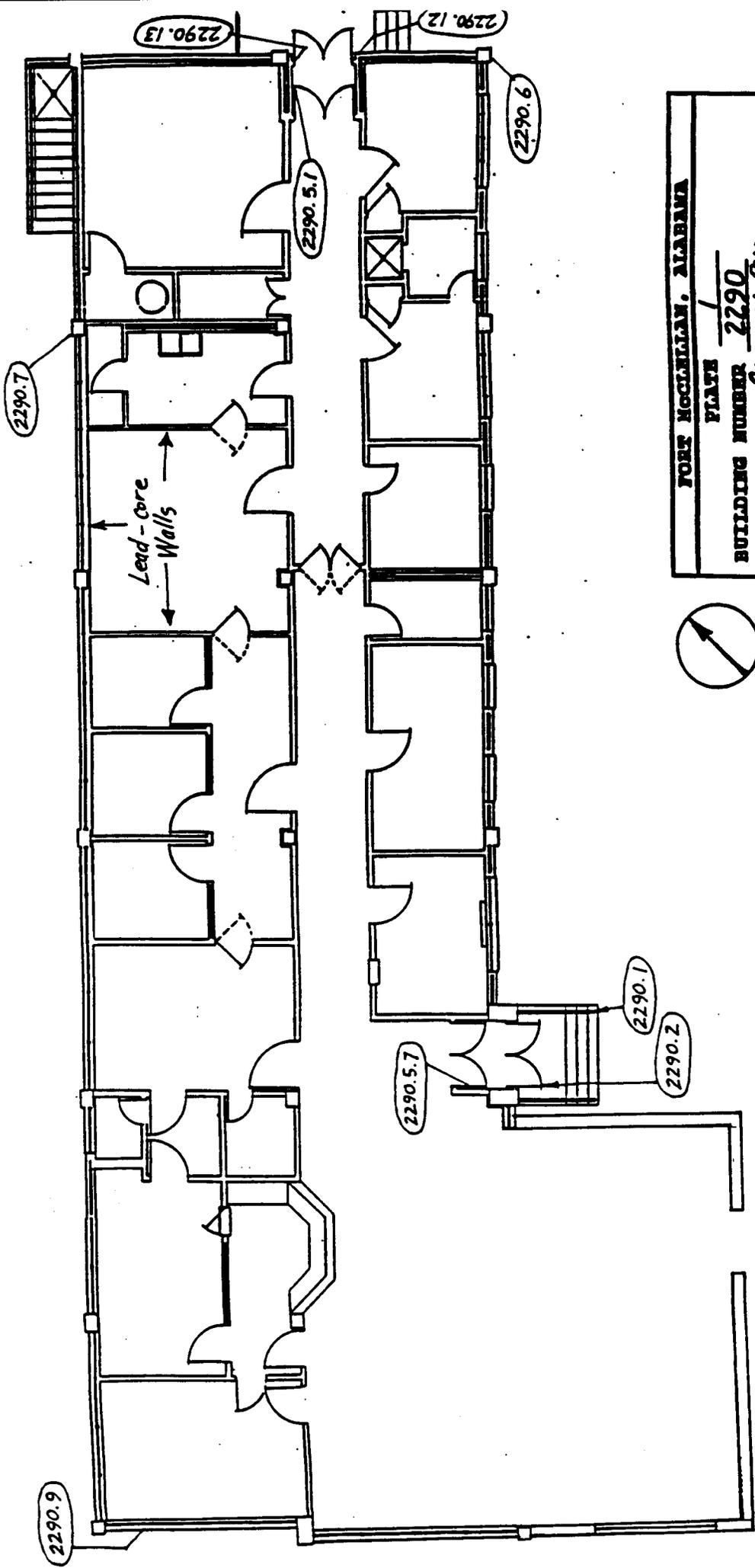


Figure 3. This wall in the Room No. 3, X-ray room, has a lead core to deflect X-rays.



FORT MCCORMICK, ALABAMA
 PLATE /
 BUILDING NUMBER 2290
 LOCATION: GALLERY FLD



No Scale Implied

Only Locations of XRF Readings testing Positive Are Shown

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6. In this report paint condition stated as "good" is defined as intact; "fair" as intact but worn (minor chips from wear and tear but no adhesion or substrate problems); "poor" as severely worn or no longer adhering or, substrate deterioration (e.g., peeling, flaking, cracking, etc.).

Discussion

7. Building No. 2290 is a one story, masonry block structure reportedly built in 1955. The building has painted metal windows and door frames with wood doors. It has painted metal downspouts and handrails. Photographs of Building No. 2290 appear as Figures 1, 2, and 3.

8. A total of sixty-four (64) XRF measurements were made at Building No. 2290. Eight were determined to be positive for lead-based paint. One positive reading was obtained on the interior and seven on exterior surfaces and components. Refer to Table 1 for all XRF readings. Positive LBP values are shown in bold type. Plate 1 is a generalized floorplan showing the specific locations in which positive readings were obtained.

Interior Summary

9. With the exception of the brown screened doors at the entryways, there was no lead-based paint found in the interior of Building No. 2290. These doors appeared to be older than the other door components in the building.

Exterior Summary

10. All exterior painted wood doors contain positive levels of lead-based paint. The following painted metal components and surfaces also tested positive for LBP:

- a. door frames
- b. overhang support poles
- c. window casings and frames
- d. walkway handrails
- e. rain downspouts

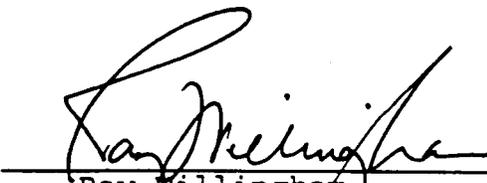
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11. All interior paint was in good condition. Some of the positive exterior paint was in fair to poor condition.

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- Table 1 (XRF readings)
- Figures (photos)
- Plate 1 (floorplan)

Date Surveyed: 4 November 1993
 Surveyed By: KB, LM

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7094022894070001	1.2	1.3	85	N/A	Calibration Check
7094022894070001	1.1	1.3	85	N/A	Calibration Check
7094022894070001	1.3	1.3	85	N/A	Calibration Check
7094022894070001	1.2	1.3	85	N/A	Calibration Check
7094022894070001	1.5	1.3	85	N/A	Calibration Check
0000.	-0.1	-0.1	85	N/A	Blank
1.63	1.4	1.5	85	N/A	NIST Std. = 1.63

INTERIOR XRF READINGS

Room 1 (Waiting/Reception Room)

2290.1.1	0.4	0.2	85	Good	Brown Metal Door Jamb
2290.1.2	0.1	-0.1	21	Good	Brown Wood Door
2290.1.3	-0.9	-0.2	21	Good	White Plaster Wall
2290.1.4	-1.4	-0.1	21	Good	White Plaster Window Casing
2290.1.5	-1.1	-0.2	21	Good	White Plaster Column
2290.1.6	0.2	-0.1	85	Good	Brown Metal Window Casing
2290.1.7	0.0	-0.1	21	Good	Brown Wood Door
2290.1.8	0.6	-0.1	85	Good	Brown Metal Door Jamb
2290.1.9	0.4	0.0	85	Good	Brown Metal Window Sill
2290.1.10	0.4	0.1	85	Good	Green Metal Cabinet
2290.1.11	-1.5	-0.2	21	Good	White Plaster Ceiling
2290.1.12	2.0	1.0	21	Good	Unpainted Green Ceramic Block
(Note: This is not a positive paint result, the lead is in the ceramic glazing)					
2290.1.13	-1.1	-0.1	21	Good	White Plaster Wall
2290.1.14	0.2	0.1	85	Good	Brown Metal Panel
2290.1.15	0.1	-0.1	85	Good	White Metal Tract Cover
2290.1.16	0.0	-0.0	85	Fair	Brown Wood Door

Values in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Office)					
2290.2.1	-1.9	-0.1	21	Good	White Plaster Wall
2290.2.2	0.1	-0.1	85	Good	Brown Metal Window Casing
2290.2.3	0.2	-0.2	85	Good	Brown Metal Door Jamb
2290.2.4	-0.1	-0.1	21	Good	Brown Wood Door
2290.2.4	0.1	-0.1	21	Good	Duplicate
7094022894083501	1.2	1.3	85	N/A	Calibration Check
Room 3 (Office)					
2290.3.1	0.5	-0.0	85	Good	Brown Metal Window Sill
2290.3.2	0.3	-0.0	85	Good	White Metal Panel
2290.3.3	-0.0	-0.1	21	Good	Brown Wood Door
2290.3.4	0.2	-0.1	85	Good	Brown Metal Door Casing
2290.3.5	9.6	0.0	21	Good	White Sheetrock Wall (Note: X-Ray Room (lead-core wall))
2290.3.6	0.6	-0.1	85	Good	White Wood Upper Trim
2290.3.7	-1.5	-0.2	21	Good	White Plaster Upper Wall
2290.3.8	-1.0	-0.1	21	Good	White Plaster Ceiling
Room 4 (Doctor's Office)					
2290.4.1	0.3	-0.0	85	Good	Brown Metal Door
2290.4.2	0.2	-0.1	85	Good	Brown Metal Window Casing
2290.4.3	0.5	0.0	85	Good	Brown Metal Window Sill
2290.4.4	-0.7	-0.1	21	Good	White Plaster Lower Wall
2290.4.5	-0.1	-0.2	85	Good	Brown Metal Door Jamb

Values in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 5 (Hallway)					
2290.5.1	3.5	0.8	21	Good	Brown Wood Screened Door
2290.5.2	0.1	-0.0	21	Good	Brown Wood Door
2290.5.3	0.5	-0.1	85	Good	Brown Metal Door Jamb
2290.5.4	-0.2	-0.1	21	Good	Brown Wood Door
2290.5.5	0.2	-0.1	21	Good	Brown Wood Door
2290.5.6	-1.8	-0.2	21	Good	White Plaster Wall
2290.5.7	2.5	1.2	21	Good	Brown Wood Screened Door
Room 6 (Office)					
2290.6.1	-2.0	-0.1	21	Good	White Plaster Ceiling
2290.6.2	0.4	-0.1	85	Good	Brown Metal Window Casing
2290.6.3	0.3	-0.1	21	Good	Brown Wood Door
Room 7 (Women's Restroom)					
2290.7.1	-0.4	-0.1	21	Good	White Plaster Wall
2290.7.2	0.2	-0.2	85	Good	Brown Metal Door Jamb
Room 8 (Men's Restroom)					
2290.8.1	-1.5	-0.1	21	Good	White Plaster Ceiling
2290.8.1	-0.7	-0.1	21	Good	Duplicate
7094022894100001	1.1	1.2	85	N/A	Calibration Check
2290.8.2	0.5	0.1	85	Good	White Metal Stall
Room 9 (Laboratory)					
2290.9.1	0.6	0.1	85	Good	White Metal Window Sill

Values in bold type are positive.

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Building No. 2290, Preventative Medicine Building, Fort McClellan, AL.
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments

Room 10 (Office)					
2290.10.1	0.6	0.1	85	Poor	Green Metal Window Sill
2290.10.2	0.2	-0.1	21	Good	White Sheetrock Wall
2290.10.3	0.3	-0.2	85	Good	White Wood Baseboard
EXTERIOR XRF READINGS					
2290.1	2.7	1.2	21	Fair	Brown Metal Railing
2290.2	1.7	0.3	21	Fair	Brown Wood Door
2290.3	-0.8	-0.1	21	Good	Brown Concrete Column
2290.4	-1.6	-0.1	21	Good	Tan Block Wall
2290.5	-0.7	-0.1	21	Good	Tan Concrete Foundation
2290.6	2.5	1.4	21	Fair	Tan Metal Downspout Base
2290.7	3.4	1.7	21	Poor	Tan Metal Downspout
2290.8	-0.4	-0.0	21	Good	Brown Concrete Cloumn
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1.63	1.4	1.5	85	N/A	NIST Std. = 1.63

Values in bold type are positive.

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Figure 1. Front view of the Preventative Medicine Building No. 2290 at Fort McClellan in Alabama.



Figure 2. Rear view of Building No. 2290

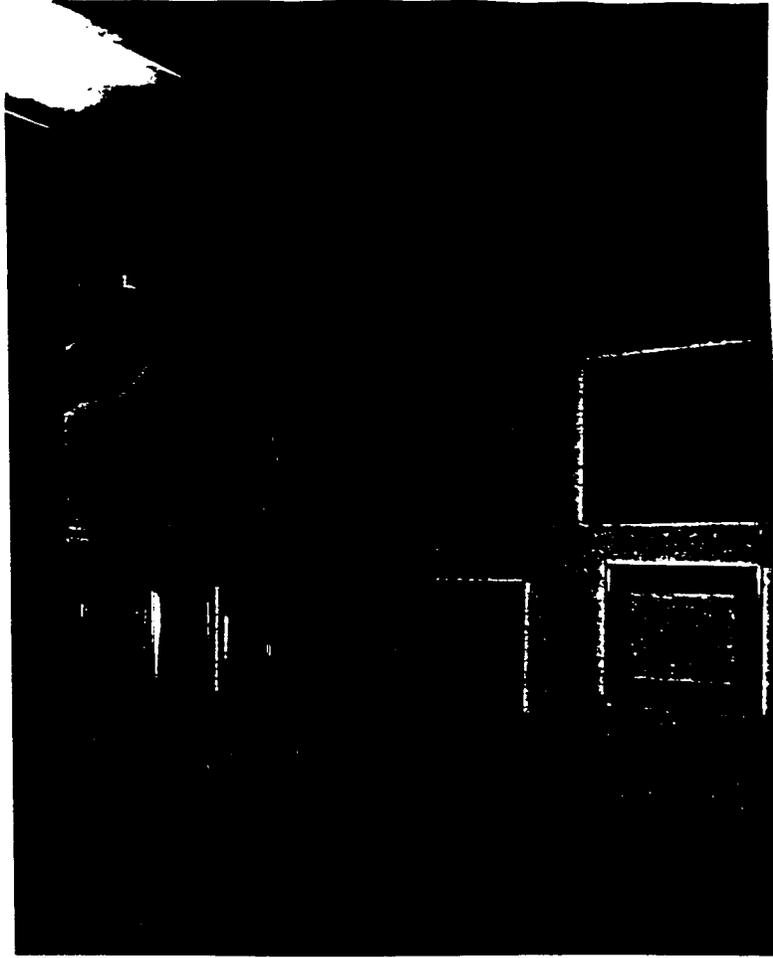
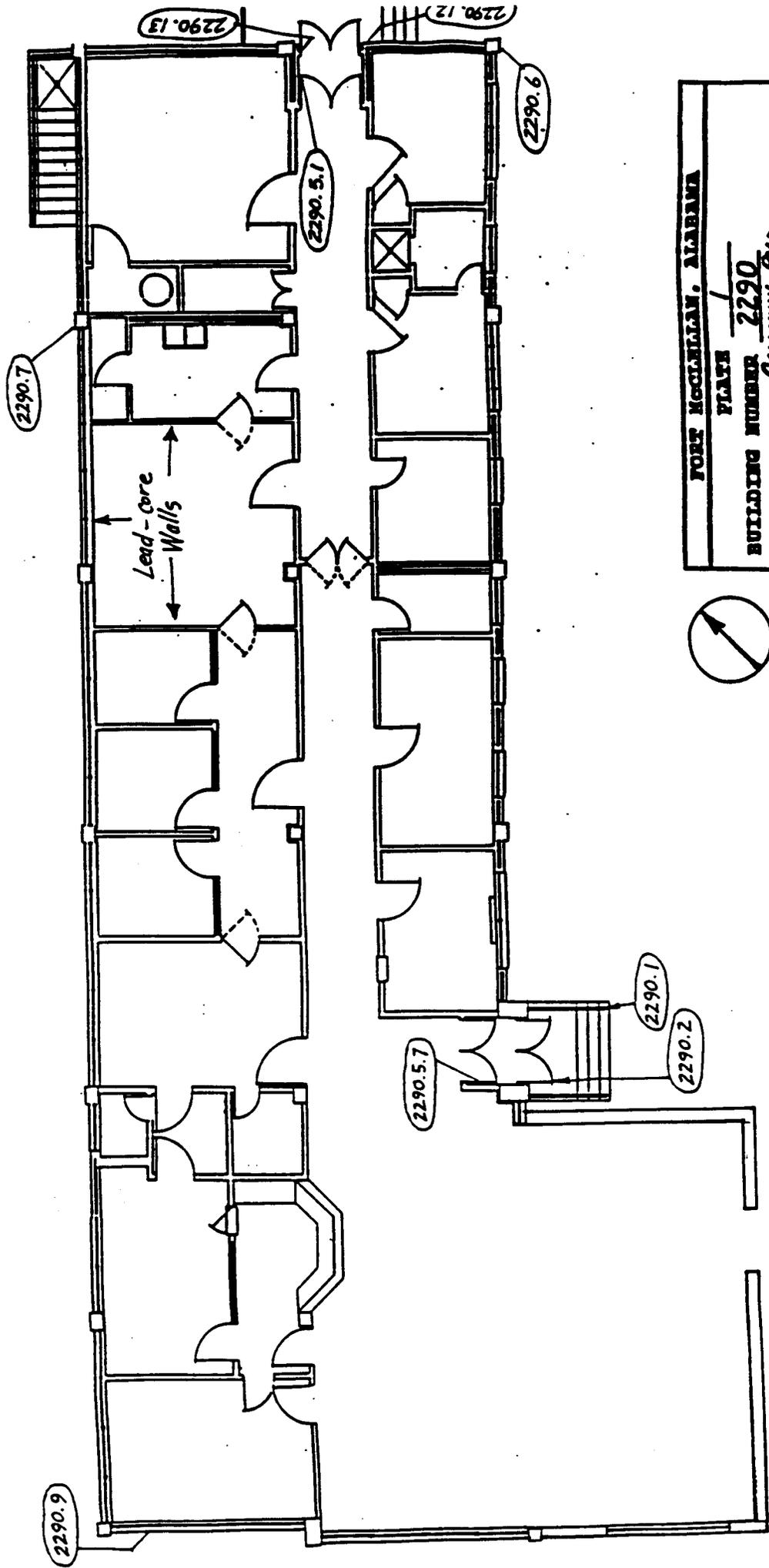


Figure 3. This wall in the Room No. 3, X-ray room, has a lead core to deflect X-rays.



FORT McCLELLAN, ALABAMA
 PLATE 1
 BUILDING NUMBER 2290
 LOCATION: GILLOMY RD



No Scale Implied

Only Locations of XRF Readings testing Positive Are Shown

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING: 2293



**LEAD-BASED PAINT SURVEY
 BUILDINGS NO. 2293, W.A.C. CHAPEL
 FORT McCLELLAN, ALABAMA**

Introduction

1. This is the lead-based paint (LBP) field survey report for Building No. 2293 located at Fort McClellan, Alabama. This report documents the LBP field results for this building.
2. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.
3. A brief summary of the LBP survey is provided in this report. The actual field XRF readings for this structure appear in Table 1. Photographs of the unit appear as Figures. The building floorplan, showing the locations of the XRF readings testing positive, appears as Plate 1.
4. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test" ⁽¹⁾ mode is normally used for routine readings. Readings testing "positive" ⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm²), whereas, "negative" refers to readings of 0.7 mg/cm² or less. According to the HUD guidelines, positive readings for this instrument are greater than 1.3 mg/cm². "Inconclusive" readings are those that fall between 0.7 mg/cm² and 1.3 mg/cm².

⁽¹⁾ The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

⁽²⁾ **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm ²
Test	0.7 - 1.3	mg/cm ²
Confirm	0.85 - 1.15	mg/cm ²

5. The "action level" defined in the HUD Interim Guidelines is a lead concentration above 1.0 mg/cm². Lead concentrations in this report are shown for both K-shell and L-shell in Table 1. The L-shell XRF reading is essentially for the top 1 or 2 surface paint layers, whereas, the K-shell is total lead applicable for multi-layered paint surfaces. HUD Guidelines specify that the K-Shell results be used for evaluating XRF readings.

6. In this report paint condition stated as "good" is defined as intact; "fair" as intact but worn (minor chips from wear and tear but no adhesion or substrate problems); "poor" as severely worn or no longer adhering or, substrate deterioration (e.g., peeling, flaking, cracking, etc.).

Discussion

7. Building No. 2293, which is the W.A.C. Chapel, is a masonry block structure with painted wooden trim, window frames and doors. It was reportedly built in 1956. Photos of Building No. 2293 appear as Figures 1, 2 and 3.

8. A total of eighty-four (84) XRF readings were taken at Building No. 2293 and seven were determined to be positive for lead-based paint. Sixty-two (62) measurements were made on the interior surface components. Twenty-two were of exterior surfaces. Refer to Table 1 for all XRF readings. Positive LBP values are shown in bold type. Plate 1 is a generalized floorplan showing the specific locations in which positive readings occurred.

Interior Summary

9. Interior painted surfaces throughout the entire building were tested and no positive levels of lead-based paint were detected.

Exterior Summary

10. Lead-based paint was detected on the exterior of Building No. 2293. All exterior painted wood trim components (soffits, window trim, door frames, etc.) and doors tested positive. All metal handrails and porch support posts contain leaded paint and tested positive. On the southside porch, the threshold, apron, and stairs also tested positive for LBP.

11. The interior paint in Building No. 2293 was in generally good condition. With the exception of a few areas, the exterior paint was in good condition. (See Table 2)

Prepared By:


Larry Martin - C.E.T.

Reviewed By:


Ray Willingham - Geologist

encl:

Table 1 (XRF readings)
Plate 1 (floorplan)
Figures (photos)

Date Surveyed: 23 February 1994
 Surveyed By: BS, KB

TABLE 1
Building No. 2293, W.A.C. Chapel, Fort McClellan, Alabama
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094022394071501	1.3	1.3	85	N/A	Calibration Check
7094022394071501	1.2	1.3	85	N/A	Calibration Check
7094022394071501	1.3	1.3	85	N/A	Calibration Check
7094022394071501	1.2	1.3	85	N/A	Calibration Check
7094022394071501	1.2	1.3	85	N/A	Calibration Check
0000	0.1	-0.1	85	N/A	Blank
1.63	1.5	1.5	85	N/A	NIST Std. = 1.63

INTERIOR XRF READINGS

Room 1 (Main Chapel)

2293.1.1	-0.3	-0.0	21	Good	Stained Wood Door Casing
2293.1.2	-0.2	-0.1	21	Good	Stained Wood Door
2293.1.3	-0.8	-0.1	21	Good	Black Concrete Baseboard
2293.1.4	-0.4	-0.2	21	Good	White Concrete Block Wall
2293.1.5	-0.0	-0.1	21	Good	Stained Wood Cover (Over Support Column)
2293.1.6	-2.2	-0.2	21	Good	White Concrete Support
2293.1.7	-0.6	-0.1	21	Good	Stained Wood Pew
2293.1.8	0.5	0.0	85	Good	Stained Wood Window Well
2293.1.9	0.1	-0.0	21	Good	Stained Wood Window Apron
2293.1.10	-0.8	-0.2	21	Good	White Concrete Block Wall

Room 2 (Sacristy)

2293.2.1	-0.4	-0.2	21	Good	White Concrete Block Wall
2293.2.2	-0.8	-0.1	21	Good	Stained Wood Window Apron
2293.2.3	0.2	-0.1	21	Good	Stained Wood Window Sash

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
 Building No. 2293, W.A.C. Chapel, Fort McClellan, Alabama
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Sacristy) Cont.					
2293.2.4	-0.0	-0.1	21	Fair	White Sheetrock Wall
2293.2.5	0.1	-0.0	21	Fair	White Wood Baseboard
2293.2.6	0.0	-0.1	21	Good	White Wood Trim
2293.2.7	0.0	-0.1	21	Good	Stained Wood Door
Room 3 (Men's Restroom)					
2293.3.1	0.4	-0.0	85	Good	Black Metal Stall
2293.3.2	-0.8	-0.1	21	Good	White Plaster Wall
2293.3.3	-0.6	-0.1	21	Good	White Plaster Ceiling
2293.3.4	-0.8	-0.0	21	Good	Stained Wood Door Casing
Room 4 (Janitor's Closet)					
2293.4.1	-0.7	-0.1	21	Good	Yellow Plaster Upper Wall
2293.4.1	-1.3	-0.1	21	Good	Duplicate
7094022394092002	1.1	1.2	85	N/A	Calibration Check
2293.4.2	-1.2	-0.2	21	Fair	Yellow Plaster Lower Wall
2293.4.3	-1.3	-0.1	21	Good	Stained Wood Door Jamb
Room 5 (Women's Restroom)					
2293.5.1	-0.7	-0.1	21	Good	White Plaster Ceiling
2293.5.2	0.5	0.9	85	Good	Black Plaster Stall
2293.5.3	-0.1	-0.1	21	Good	Stained Wood Door
2293.5.4	-0.7	-0.0	21	Good	White Plaster Wall
2293.5.5	-0.8	0.2	21	Good	Black Plaster Baseboard
Room 6 (Jewish Chapel Room)					
2293.6.1	-0.7	-0.2	21	Good	Yellow Concrete Block Wall
2293.6.2	-0.6	-0.1	21	Good	Stained Wood Window Sill

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
 Building No. 2293, W.A.C. Chapel, Fort McClellan, Alabama
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 6 (Jewish Chapel Room) Cont.					
2293.6.3	0.0	-0.1	21	Good	Yellow Wood Door Jamb
2293.6.4	-0.3	-0.0	21	Good	Stained Wood Door Header
2293.6.5	-0.2	-0.0	21	Good	Stained Wood Cabinet
2293.6.6	-0.7	-0.0	21	Good	Stained Wood Door Casing
Room 7 (Small Chapel)					
2293.7.1	0.0	-0.1	85	Good	Peach Wood Trim
2293.7.2	-0.1	-0.1	21	Good	Peach Wood Baseboard
2293.7.3	-0.1	-0.2	21	Good	Yellow Concrete Block Wall
2293.7.4	-0.3	-0.1	21	Fair	Yellow Wood Trim
2293.7.5	-0.3	-0.1	21	Good	Yellow Sheetrock Wall
2293.7.6	-0.4	-0.0	21	Good	Stained Wood Window Casing
2293.7.6	0.3	0.0	21	Good	Duplicate
7094022394100002	1.1	1.3	85	N/A	Calibration Check
2293.7.7	-0.5	-0.1	21	Good	Stained Wood Cabinet
2293.7.8	-0.2	-0.1	21	Good	Stained Wood Door
2293.7.9	0.1	-0.1	21	Good	White Attached Tile Ceiling
Room 8 (Office)					
2293.8.1	0.2	-0.2	21	Good	Yellow Concrete Block Wall
2293.8.2	-0.4	-0.1	21	Good	Stained Wood Window Apron
2293.8.3	-0.8	-0.1	21	Good	Stained Wood Door Header
Room 9 (Office)					
2293.9.1	-0.7	-0.2	21	Good	Yellow Concrete Block Wall
2293.9.2	0.4	-0.0	85	Good	Stained Wood Window Casing
2293.9.3	0.1	-0.1	21	Good	Stained Wood Door

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 1 Cont.
 Building No. 2293, W.A.C. Chapel, Fort McClellan, Alabama
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 10 (Office)					
2293.10.1	-0.4	-0.2	21	Good	Yellow Concrete Block Wall
2293.10.2	-0.4	-0.1	21	Good	Stained Wood Window Sill
2293.10.3	-0.9	-0.1	21	Good	Yellow Concrete Block Wall
2293.10.4	-0.4	-0.1	21	Good	Stained Wood Door Casing
Room 11 (Hall)					
2293.11.1	0.1	-0.1	21	Good	Stained Wood Door
2293.11.2	-1.1	-0.1	21	Good	Stained Wood Door Jamb
2293.11.3	-0.6	-0.2	21	Good	Yellow Concrete Block Wall
2293.11.4	-0.3	-0.1	21	Good	Stained Wood Door
2293.11.5	0.3	-0.1	21	Good	White Attached Tile Ceiling
2293.11.6	-0.1	0.1	21	Fair	Black Rubber Stair Tread
2293.11.7	-0.3	0.0	21	Fair	Black Wood Baseboard
2293.11.8	-0.5	-0.1	21	Good	Yellow Sheetrock Wall
2293.11.8	-0.6	-0.1	21	Good	Duplicate
7094022394110002	1.5	1.5	85	N/A	Calibration Check
7094022394124602	1.3	1.3	85	N/A	Calibration Check
EXTERIOR XRF READINGS					
2293.1	-0.6	-0.0	21	Good	Brown Wood Landscape Timber
2293.2	-1.0	-0.2	21	Poor	White Concrete Foundation
2293.3	4.5	0.9	85	Fair	Brown Metal Pole
2293.4	4.6	0.7	21	Poor	Brown Wood Window Sash
2293.5	3.3	0.6	21	Fair	Brown Wood Door
2293.6	4.6	0.8	21	Fair	Brown Wood Door Jamb

Values in bold type are positive.

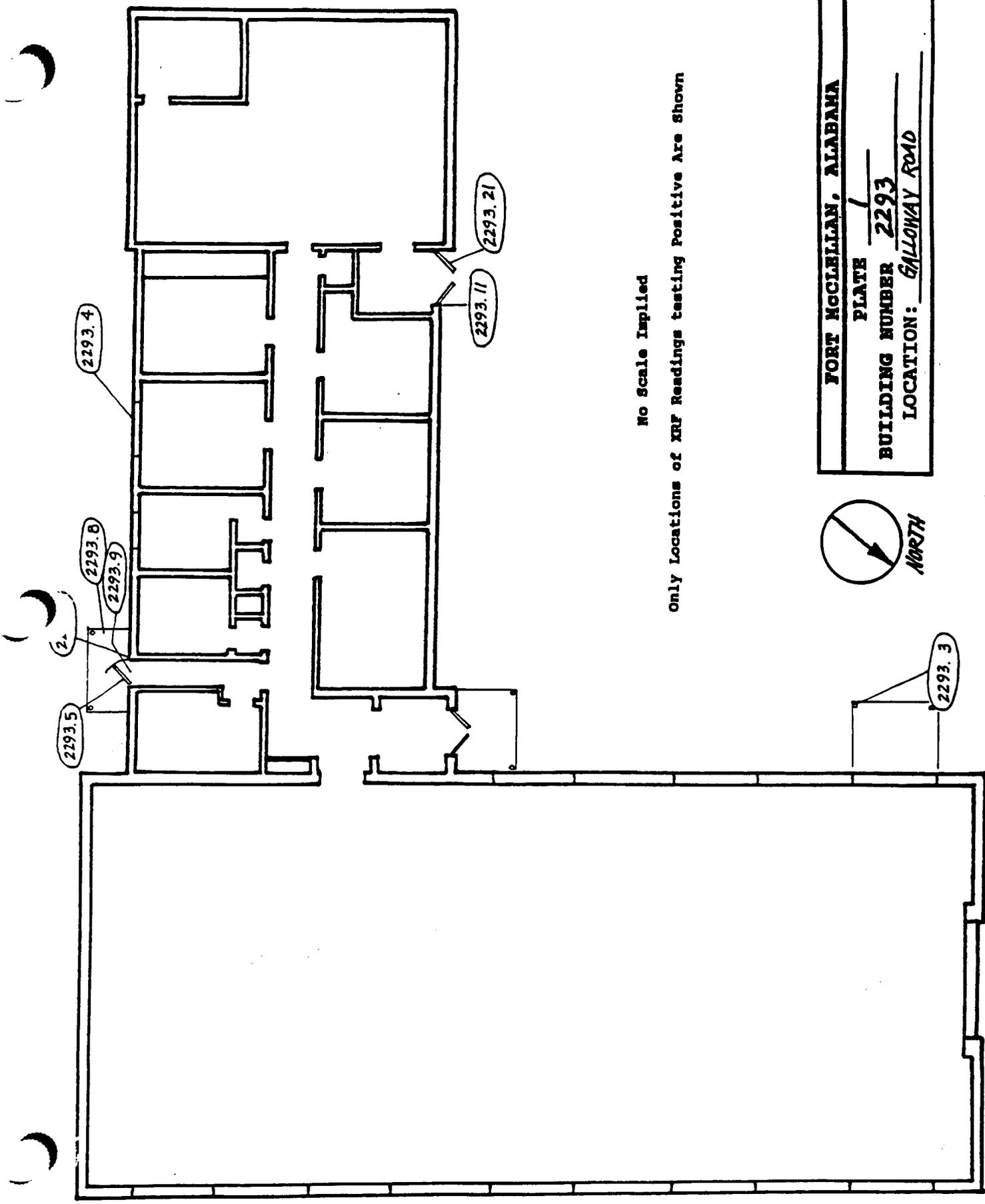
K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.



Figure 1. Front view of Building No. 2293, W.A.C. Chapel, at Fort McClellan, Alabama.



Figure 2. Rear view of Building No. 2293



No Scale Implied

Only Locations of XRF Readings testing Positive Are Shown



FORT McCLELLAN, ALABAMA
PLATE <u>1</u>
BUILDING NUMBER <u>2293</u>
LOCATION: <u>GALLOWAY ROAD</u>

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING: 2299



**LEAD-BASED PAINT SURVEY
 REPORT FOR BUILDING NO. 2299, FORT McCLELLAN
 FORT McCLELLAN, ALABAMA**

Introduction

1. This is the lead-based paint (LBP) field survey report for Building No. 2299 (U.S. Army Chemical Corps Museum) located at Fort McClellan, Alabama. This report documents the LBP field results for this building.
2. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.
3. A brief summary of the LBP survey is provided in this report. The actual field XRF readings for this structure appear in Table 1. Photographs of the unit appear as Figures. The building floorplans, showing the locations of the XRF readings testing positive, appears as Plate 1.
4. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test"⁽¹⁾ mode is normally used for routine readings. Readings testing "positive"⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm²), whereas, "negative" refers to readings of 0.7 mg/cm² or less. According to the HUD guidelines, positive readings for this instrument are greater than 1.3 mg/cm². "Inconclusive" readings are those that fall between 0.7 mg/cm² and 1.3 mg/cm².

(1) The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

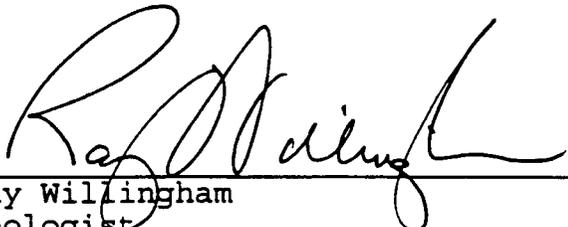
(2) **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm ²
Test	0.7 - 1.3	mg/cm ²
Confirm	0.85 - 1.15	mg/cm ²

Paint Condition

11. With the exception of the green rollup door in the workshop, all paint that tested positive was in fair to good condition.

Prepared By: 
Larry Martin
Civil Engineering Tech.

Reviewed By: 
Ray Willingham
Geologist

encl:

Table 1 (XRF readings)
Figures (photos)
Plate 1 (floorplan)

TABLE 1 Cont.
Building No. 2299, Chemical Museum, Fort McClellan
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
7094021594131001	1.2	1.3	83	N/A	Calibration Check
7094021594131001	1.2	1.3	83	N/A	Calibration Check
7094021594131001	1.3	1.3	83	N/A	Calibration Check
Room 4 (Office Supply Room)					
2299.4.1	0.2	0.1	83	Fair	Grey Metal Door Jamb
2299.4.2	-0.4	-0.2	20	Good	Yellow Sheetrock Wall
2299.4.3	-0.4	-0.1	20	Good	Yellow Wood Door
2299.4.4	0.5	0.2	83	Good	Wood Door Casing
2299.4.5	-1.3	-0.2	20	Good	Yellow Block Wall
2299.4.6	-0.8	-0.2	20	Good	White Concrete Ceiling
Room 5 (Artifacts Storage Room)					
2299.5.1	-0.5	-0.2	20	Good	Yellow Block Wall
2299.5.2	-1.1	-0.1	20	Good	Yellow Concrete Window Sill
2299.5.3	-1.5	-0.1	20	Good	Yellow Concrete Column
2299.5.4	0.2	-0.2	20	Good	White Block Wall
2299.5.5	0.3	-0.2	83	Good	Yellow Metal Door Jamb
2299.5.6	-1.8	-0.2	20	Good	Yellow Concrete Column
2299.5.7	-1.8	-0.2	20	Good	White Concrete Ceiling
Room 6 (Workshop)					
2299.6.1	5.6	3.0	83	Poor	Green Metal Door Casing
2299.6.2	1.3	0.9	83	Poor	Green Roll-Up Door
2299.6.3	-0.5	-0.2	20	Fair	* Inconclusive - Scrape Sample Taken Yellow Block Wall
Room 7 (Curator's Office)					
2299.7.1	0.5	-0.1	83	Good	Light Blue Metal Door
2299.7.2	0.3	-0.2	83	Fair	Metal Door Jamb
2299.7.3	0.1	-0.1	20	Fair	Yellow Wood Door

* After laboratory analysis by atomic absorption Sample ID# 2299.6.2 was determined to be positive. Sample ID# 2299.6.2 = 10.42% lead by weight.

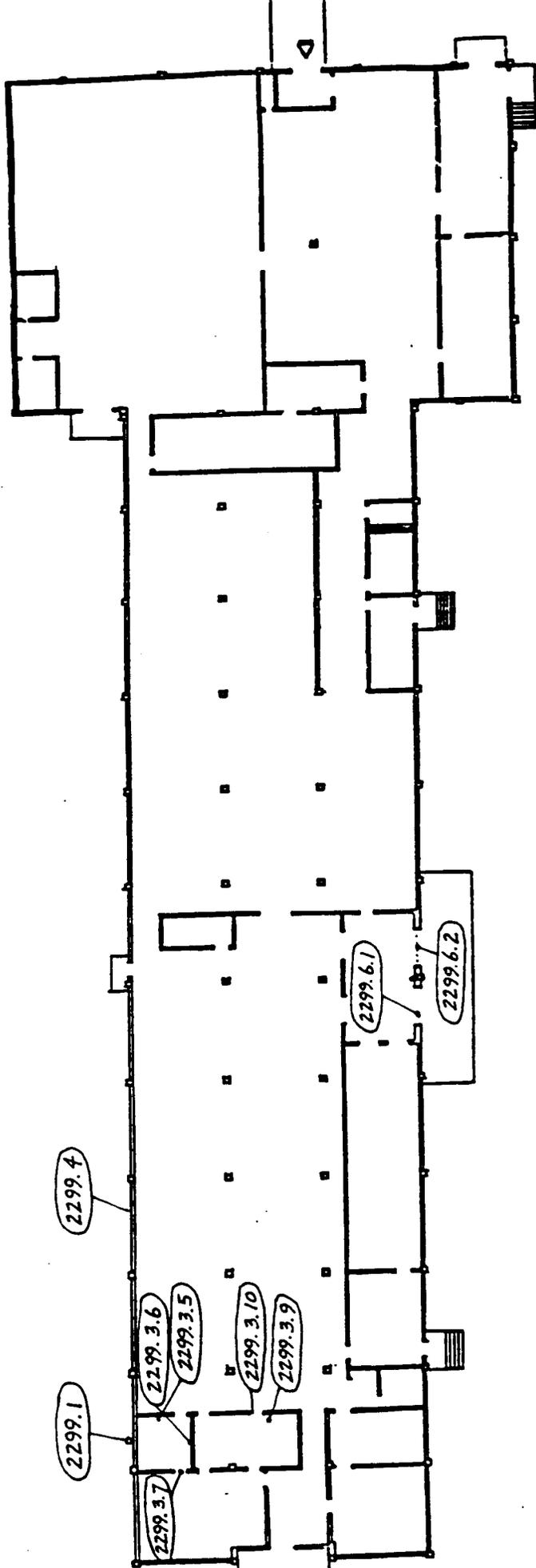
Values in bold type are positive
 K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.



Figure 1. Front view of the U.S. Army Chemical Corps Museum which is Building No. 2299.



Figure 2. Side view and main entryway of the Chemical Museum.



No Scale Implied

Only Locations of XRF Readings testing Positive Are Shown



FORT McCLELLAN, ALABAMA	
PLATE	_____
BUILDING NUMBER	2299 UNIT _____
LOCATION:	6 th Avenue _____

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING: 3182

Exterior Summary

10. The exterior metal door frames with solid metal doors all should be considered positive for LBP. Because of the grating covering the windows, the survey team was not able to test the window frames on the exterior. Since the windows in the interior tested positive it would be reasonable to assume that they contain leaded paint on the exterior also. The brown metal awnings over the doorways also contain positive levels of LBP.

Paint Condition

11. All paint testing positive for lead at Building No. 3182 was in good to fair condition.

Prepared By: 
Larry Martin
Civil Engineering Tech.

Reviewed By: 
Ray Willingham
Geologist

encl:

Table 1 (Chart)
Table 2 (XRF readings)
Figures 1 and 2 (Photos)
Plate 1 (Floorplan)



**LEAD-BASED PAINT SURVEY
 REPORT FOR BUILDING NO. 3182, MILITARY POLICE MUSEUM
 FORT McCLELLAN, ALABAMA**

Introduction

1. This is the lead-based paint (LBP) field survey report for Building No. 3182 (Military Police Museum) located at Fort McClellan in Anniston, Alabama. This report documents the LBP field and laboratory results for this building.

2. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.

3. A brief summary of the LBP survey is provided in this report. The components tested are summarized in Table 1. The actual field XRF readings and laboratory results for this structure appear in Table 2. Photographs of the unit appear as Figures 1 and 2. The building floorplan, showing the locations of the XRF readings testing positive, appears as Plate 1.

4. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test"⁽¹⁾ mode is normally used for routine readings. Readings testing "positive"⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm²), whereas, "negative" refers to readings of 0.7 mg/cm² or less. According to the HUD guidelines, positive readings for this instrument are greater than 1.3 mg/cm². "Inconclusive" readings are those that fall between 0.7 mg/cm² and 1.3 mg/cm².

⁽¹⁾ The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

⁽²⁾ **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm ²
Test	0.7 - 1.3	mg/cm ²
Confirm	0.85 - 1.15	mg/cm ²

Date Surveyed: 11 February 1994
 Surveyed By: NM, KB

TABLE 2
Building No. 3182, Military Police Museum, Fort McClellan, Alabama
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition Paint	Comments
7094021194071502	1.2	1.3	83	N/A	Calibration Check
7094021194071502	1.2	1.3	83	N/A	Calibration Check
7094021194071502	1.2	1.3	83	N/A	Calibration Check
0000	0.0	-0.1	83	N/A	Blank
1.63	1.3	1.5	83	N/A	NIST Std. = 1.63

INTERIOR XRF READINGS

Room 1 (Office)

3182.1.1	-0.9	-0.1	20	Good	Tan Block Wall
3182.1.2	-1.1	-0.1	20	Good	Tan Window Sill
3182.1.3	0.6	-0.1	83	Good	Tan Metal Window Sash
3182.1.4	-0.1	-0.1	20	Good	Tan Sheetrock Wall
3182.1.5	1.2	0.6	83	Good	Tan Metal Door Jamb
					(*Inconclusive-Refer to scrape sample 3182.2.7)
3182.1.6	-0.0	-0.1	20	Good	Stained Wood Door

Room 2 (Office)

3182.2.1	0.3	-0.1	20	Good	Tan Sheetrock Wall
3182.2.2	-0.4	-0.1	20	Good	Tan Concrete Column
3182.2.3	-0.1	-0.1	20	Good	Tan Window Header
3182.2.4	0.3	-0.0	20	Good	Tan Block Wall
3182.2.5	0.5	0.2	83	Good	Tan Metal Door
3182.2.6	1.0	0.4	83	Good	Tan Metal Door Casing
					(*Inconclusive-Refer to scrape sample 3182.2.7)
3182.2.7	1.0	0.6	83	Good	Tan Metal Door Jamb
					(*Inconclusive-Scrape Sample Taken)

* One scrape sample was taken to represent the three identical door components at different locations. After laboratory analysis by atomic absorption (AA), scrape sample ID# 3182.2.7 was determined to positive.

Sample ID# 3182.1.5 - positive - see 3182.2.7

Sample ID# 3182.2.6 - positive - see 3182.2.7

Sample ID# 3182.2.7 = 1.99% lead by weight

Positive LBP is defined as paint containing ≥ 0.5% lead by weight.

Values shown in bold type are positive

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

TABLE 2 Cont.
 Building No. 3182, Military Police Museum, Fort McClellan, Alabama
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition Paint	Comments
Room 6 (Office)					
3182.6.1	-0.8	-0.1	20	Good	Tan Block Wall
3182.6.2	0.1	-0.1	20	Good	Tan Sheetrock Wall
3182.6.3	4.4	0.9	83	Fair	White Metal Shelf
3182.6.4	0.2	-0.1	83	Fair	Green Metal Door Casing
3182.6.5	0.5	0.3	83	Good	White Metal Door
Room 7 (Storage Room)					
3182.7.1	-0.3	-0.1	20	Good	Tan Block Wall
3182.7.2	1.0	-0.0	83	Good	Tan Metal Window Sash (*Inconclusive-Scrape Sample Taken)
3182.7.3	-0.4	-0.1	20	Good	Stained Wood Door
Room 8 (Gift Shop)					
3182.8.1	0.1	-0.1	20	Good	Tan Block Wall
3182.8.2	1.0	-0.0	83	Good	Tan Metal Window Sash (*Inconclusive - Refer to Scrape Sample 3182.7.2)
3182.8.3	0.4	-0.1	83	Good	Tan Metal Door
3182.8.4	1.4	0.3	83	Good	Tan Metal Door Casing
3182.8.5	-0.4	-0.1	62	Good	Tan Concrete Column
3182.8.6	-1.5	-0.1	20	Good	White Concrete Upper Trim
3182.8.7	-1.3	-0.0	20	Good	Tan Concrete Window Sill
3182.8.8	-0.7	-0.1	20	Good	Tan Wood Trim
Room 9 (HVAC Room)					
3182.9.1	0.0	-0.1	20	Good	Stained Wood Door

* After laboratory analysis by atomic absorption (AA), scrape sample ID# 3182.7.2 was determined to be negative. Positive LBP is defined as paint containing ≥ 0.5% lead by weight. (Sample ID# 3182.7.2 = 0.17% lead by weight)

Values shown in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.

3182

TABLE 2 Cont.
Building No. 3182, Military Police Museum, Fort McClellan, Alabama
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition Paint	Comments
Room 14 (Storage Room)					
3182.14.1	0.3	-0.0	20	Good	White Block Wall
3182.14.2	0.4	0.3	83	Good	White Metal Door
3182.14.3	0.1	-0.1	83	Good	White Metal Door Casing
Room 15 (Hall/Entry)					
3182.15.1	-1.1	-0.2	20	Good	White Concrete Beam
3182.15.2	-0.9	-0.2	20	Good	White Block Wall
3182.15.3	-1.7	-0.2	20	Good	White Concrete Upper Trim
3182.15.4	-1.0	-0.2	20	Good	White Concrete Ceiling
3182.15.5	-0.2	-0.1	83	Good	White Wood Trim
3182.15.5	-0.2	-0.1	83	Good	Duplicate
7094021194142002	1.1	1.2	83	N/A	Calibration Check
EXTERIOR XRF READINGS					
3182.1	-0.9	-0.1	20	Good	Tan Block Wall
3182.2	-1.2	-0.1	20	Fair	Tan Concrete Window Sill
3182.3	0.5	-0.0	83	Fair	Brown Metal Door
3182.4	21.9	3.7	83	Fair	Brown Metal Door Casing
3182.5	0.3	-0.0	83	Fair	Brown Metal Window Grating
3182.6	16.1	2.1	83	Fair	Brown Metal Awning (*Inconclusive-Scrape Sample Taken)

* After laboratory analysis by atomic absorption (AA), scrape sample ID# 3182.6 was determined to be positive with 5.85% lead by weight. Positive LBP is defined as paint containing ≥ 0.5% lead by weight.

Values shown in bold type are positive.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered surfaces) and L-Shell is essentially surface paint films.



Figure 1. Front view of Building No. 3182 (Military Police Museum) at Fort McClellan, Alabama.



Figure 2. Side view of Building No. 3182

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING: 3213



**LEAD-BASED PAINT SURVEY
 REPORT FOR BUILDING 3213
 ARMY COMMUNITY SERVICE CENTER
 FT. McCLELLAN, ALABAMA**

Introduction

1. This is the lead-based paint (LBP) field survey report for Building 3213 located at Ft. McClellan, Alabama. This report documents the LBP field results for this building.
2. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.
3. A brief summary of the LBP survey is provided in this report. The actual field XRF readings for this structure appear in Table 1. Photographs of the unit appear as Figures. The building floorplan, showing the locations of the XRF readings testing positive, appears as Plate 1.
4. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test"⁽¹⁾ mode is normally used for routine readings. Readings testing "positive"⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm^2), whereas, "negative" refers to readings of $0.7 \text{ mg}/\text{cm}^2$ or less. According to the HUD guidelines, positive readings for this instrument are greater than $1.3 \text{ mg}/\text{cm}^2$. "Inconclusive" readings are those that fall between $0.7 \text{ mg}/\text{cm}^2$ and $1.3 \text{ mg}/\text{cm}^2$.

(1) The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

(2) **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm^2
Test	0.7 - 1.3	mg/cm^2
Confirm	0.85 - 1.15	mg/cm^2

5. The "action level" defined in the HUD Interim Guidelines is a lead concentration above 1.0 mg/cm². Lead concentrations in this report are shown for both K-shell and L-shell in Table 1. The L-shell XRF reading is essentially for the top 1 or 2 surface paint layers, whereas, the K-shell is total lead applicable for multi-layered paint surfaces. HUD Guidelines specify that the K-Shell results be used for evaluating XRF readings.

6. In this report paint condition stated as "good" is defined as intact; "fair" as intact but worn (minor chips from wear and tear but no adhesion or substrate problems); "poor" as severely worn or no longer adhering or, substrate deterioration (e.g., peeling, flaking, cracking, etc.).

Discussion

7. Building 3213 (Army Community Service Center) was built in 1956. It is a one story block structure with metal upper trim, metal doors, and metal windows (see Figures).

8. Typical building materials (e.g., masonry block, sheetrock, wood doors, metal door components, wood windows, etc.) were used throughout the interior of this building. Most of the baseboards are glazed ceramic tile. The glazing on this tile contains lead, but is not classified as lead-based paint.

9. A total of one hundred sixty nine (169) XRF readings were made on the interior of this building. Three (3) were positive for LBP. Eighteen (18) exterior XRF readings were taken. Six (6) were positive for LBP (see Table 1).

Interior Summary

10. Positive interior XRF readings were obtained only in the Children's Playroom (see Room 21 on Plate 1). Based on the XRF readings in Room 21, it is reasonable to assume the block walls and the lower wood trim above the ceramic tile baseboard are positive for LBP. All other interior XRF readings were negative.

Exterior Summary

11. All metal window components (e.g., sash, casing, etc.) on the exterior of this building should be considered positive for LBP. The metal poles supporting entry covers, the metal door and door components leading to the mechanical (HVAC) room, and the yellow concrete curbing should also be considered positive (see Plate 1). Positive levels of lead-based paint were not obtained on any other exterior components.

14 September 1994

Paint Condition

12. Overall, the paint on the interior of this building is in good condition. The paint testing positive for lead on the exterior is in poor to good condition. The remaining non-lead paint on the exterior is in fair to good condition.

Prepared By: Keith Bates
Keith Bates
Geologist

Reviewed By: _____
Ray Willingham
Geologist

encls

CESAD-EN-FL

14 September 1994

Date Surveyed: 8 & 10 February 1994
 Surveyors: KB, NK

Table 1
Ft. McClellan Building No. 3213
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020894093502	1.0	1.3	81	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Entry)

3213.1.1	-1.2	-0.1	20	Good	Blue Concrete Window Sill
3213.1.2	0.3	-0.1	20	Good	Blue Metal Window Frame
3213.1.3	-0.2	-0.1	20	Fair	Blue Wood Baseboard
3213.1.4	-0.2	-0.1	20	Good	Blue Sheetrock Wall
3213.1.5	-0.2	-0.1	20	Fair	Blue Wood Door Casing
3213.1.6	-0.1	-0.1	20	Good	Blue Wood Door
3213.1.7	-0.0	-0.1	20	Good	Blue Concrete Block Wall
3213.1.8	-0.1	-0.1	20	Good	Blue Metal Door Jamb
3213.1.9	-0.2	-0.1	20	Good	Blue Wood Door
3213.1.10	0.3	-0.1	81	Fair	White Attached Tile Ceiling

Room 2 (Office)

3213.2.1	0.2	-0.0	20	Good	Blue Wood Baseboard
3213.2.2	0.2	-0.1	81	Fair	White Metal Window Casing
3213.2.3	0.2	-0.1	20	Fair	White Metal Window Frame
3213.2.4	-0.5	-0.2	20	Good	Blue Concrete Block Wall
3213.2.5	0.2	-0.1	20	Good	White Concrete Block Wall
3213.2.6	0.3	-0.1	81	Fair	Blue Metal Door Casing
3213.2.7	-1.0	-0.1	20	Good	Blue Wood Door

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surf paint films. The survey results are based on K-shell readings as per Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 3 (Restroom)					
3213.3.1	0.5	0.0	81	Good	White Metal Stall
3213.3.2	-0.5	-0.1	20	Good	White Concrete Block Wall
3213.3.3	-1.6	-0.1	20	Good	White Concrete Ceiling
3213.3.4	-0.3	-0.1	20	Good	Blue Wood Door
3213.3.5	0.3	-0.1	20	Good	Blue Metal Door Jamb
Room 4 (Hallway)					
3213.4.1	-0.1	-0.1	20	Good	Blue Sheetrock Wall
3213.4.2	0.1	-0.1	20	Good	White Sheetrock Wall
3213.4.3	0.2	-0.0	20	Good	Stained Wood Paneled Wall
3213.4.4	-0.1	-0.1	20	Good	Brown Wood Door
3213.4.5	-0.3	-0.0	20	Good	Blue Wood Baseboard
Room 5 (Storage Room)					
3213.5.1	-0.0	-0.1	20	Good	Blue Wood Door Jamb
3215.5.2	0.3	-0.1	81	Good	Brown Metal Window Casing
3215.5.2	0.2	-0.1	81	Good	Duplicate
7094020894111501	1.3	1.3	81	N/A	Calibration Check
3213.5.3	0.3	-0.1	20	Good	White Attached Tile Ceiling
3213.5.4	0.0	-0.1	20	Good	Brown Wood Door
3213.5.5	0.4	0.1	81	Good	Brown Metal Door Jamb
3213.5.6	0.1	-0.1	20	Good	White Concrete Block Wall

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 6 (Office)					
3213.6.1	-0.1	-0.1	20	Good	White Wood Door Jamb
3213.6.2	-0.2	-0.1	20	Good	White Wood Door Casing
3213.6.3	-0.1	-0.1	20	Good	White Wood Wall
3213.6.4	-0.1	-0.1	20	Good	White Wood Shelf Back
3213.6.5	-0.0	-0.1	20	Good	White Wood Shelf
Room 7 (Storage Room)					
3213.7.1	-1.0	-0.1	20	Good	White Concrete Beam
3213.7.2	-0.0	-0.1	20	Good	Brown Wood Door Casing
3213.7.3	-0.2	-0.1	20	Good	White Sheetrock Wall
3213.7.4	-0.1	-0.1	20	Good	Brown Wood Door
3217.7.5	0.1	0.5	20	Good	White Metal Door
3213.7.6	-0.5	-0.1	20	Good	Blue Wood Door Jam
3213.7.6	0.1	-0.1	20	Good	Duplicate
7094020894114501	1.1	1.2	81	N/A	Calibration Check
7094020894125002	1.2	1.3	81	N/A	Calibration Check
7094020894125002	1.2	1.3	81	N/A	Calibration Check
7094020894125002	1.2	1.3	81	N/A	Calibration Check
Room 8 (Office)					
3213.8.1	0.2	-0.1	20	Good	Blue Sheetrock Wall
3213.8.2	-0.5	-0.2	20	Fair	Blue Concrete Window Sill
3213.8.3	0.3	-0.1	81	Good	Blue Metal Window Casing
3213.8.4	-0.9	-0.1	20	Good	Blue Concrete Block Wall
3213.8.5	-0.5	-0.1	20	Good	Blue Wood Door Header
3213.8.6	-0.3	-0.1	20	Good	Blue Wood Door

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surf paint films. The survey results are based on K-shell readings as per new Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 9 (Office)					
3213.9.1	-0.5	-0.1	20	Good	Blue Rubber Baseboard
3213.9.2	-0.2	-0.1	20	Good	Blue Wood Door Jamb
Room 10 (Office)					
3213.10.1	0.3	-0.1	20	Good	Blue Wood Door Casing
Room 11 (Hallway)					
3213.11.1	-0.6	-0.1	20	Poor	Blue Concrete Window Sill
3213.11.2	0.3	-0.1	81	Fair	Blue Metal Window Frame
3213.11.3	-0.1	-0.1	20	Good	Blue Concrete Block Wall
3213.11.4	-0.1	-0.1	20	Good	Blue Wood Door Casing
3213.11.5	0.0	-0.0	20	Fair	Blue Wood Door Jamb
Room 12 (Office)					
3213.12.1	-0.1	-0.1	20	Good	Blue Sheetrock Wall
3213.12.2	-0.7	-0.2	20	Good	Blue Concrete Block Wall
Room 13 (Office)					
3213.13.1	-0.7	-0.1	20	Good	Blue Concrete Block Wall
3213.13.2	-0.4	-0.1	20	Good	White Concrete Block Wall
3213.13.3	-0.3	-0.1	20	Good	Blue Metal Door
3213.13.4	0.2	-0.1	20	Good	Blue Metal Door Jamb
3213.13.4	0.0	-0.2	20	Good	Duplicate
7094020894133501	0.9	1.3	81	N/A	Calibration Check

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 14 (Men's Restroom)					
3213.14.1	-0.6	-0.1	20	Good	Blue Wood Paneled Wall
3213.14.2	0.4	0.0	81	Good	Blue Wood Baseboard
3213.14.3	0.1	-0.1	20	Good	Blue Wood Door
3213.14.4	0.4	-0.2	81	Good	Blue Metal Door Casing
3213.14.5	-0.0	-0.1	20	Good	White Metal Stall
3213.14.6	0.3	-0.1	20	Good	White Concrete Block Wall
3213.14.7	-0.0	-0.2	20	Good	White Sheetrock Ceiling
Room 15 (Janitor's Closet)					
3213.15.1	-0.2	-0.1	20	Fair	White Wood Shelf
3213.15.2	-1.4	-0.1	20	Fair	White Sheetrock Ceiling
3212.15.3	0.0	-0.2	20	Fair	Brown Metal Door Jamb
3213.15.4	-0.2	-0.1	20	Good	Brown Wood Door
3213.15.5	-1.9	-0.2	20	Poor	Brown Concrete Floor
Room 16 (Women's Restroom)					
3213.16.1	-0.6	-0.2	20	Good	Stained Wood Wall
3213.16.2	0.5	-0.0	81	Good	Blue Wood Baseboard
3213.16.3	-1.4	-0.1	20	Fair	Black Linoleum Tile Floor
3213.16.4	0.2	-0.1	81	Fair	Brown Metal Door Jamb
3213.16.5	0.5	-0.1	81	Fair	White Metal Stall
3213.16.6	0.6	-0.1	81	Fair	White Metal Window Frame
3213.16.7	-0.3	-0.1	20	Good	Brown Wood Door

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface lead on paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
Ft. McClellan Building No. 3213
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 17 (Storage Room)					
3213.17.1	-0.1	0.1	81	Good	White Concrete Block Wall
3213.17.2	-1.3	-0.2	20	Fair	Brown Concrete Floor
3213.17.3	0.1	-0.2	20	Fair	Brown Metal Door Jamb
3213.17.3	0.0	-0.1	20	Fair	Duplicate
7094020894142001	1.2	1.3	81	N/A	Calibration Check
Room 18 (Office)					
3213.18.1	-1.7	-0.2	20	Good	Blue Concrete Window Sill
3213.18.2	-0.5	-0.1	20	Good	Blue Concrete Block Wall
3213.18.3	-0.1	-0.1	20	Good	Blue Wood Door
3213.18.4	1.9	1.4	20	Good	Blue Painted Ceramic Tile Baseboard
(This is not a positive reading, lead is in the tile glazing, see reading 3213.20.1)					
Room 19 (Exterior Smoking Room)					
3213.19.1	0.0	-0.1	20	Good	Blue Wood Door
3213.19.2	-0.2	-0.1	20	Good	Blue Concrete Block Wall
Room 20 (Copier Room)					
3213.20.1	3.6	1.6	20	Good	Unpainted Glazed Ceramic Tile
(This is not a positive reading, lead is in the tile glazing, see reading 3213.18.4)					

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 21 (Children's Playroom)					
3213.21.1	0.3	-0.1	81	Good	Blue Wood Door Casing
3213.21.2	-0.1	-0.1	20	Good	Blue Wood Door
3213.21.3	-0.8	-0.1	20	Good	Blue Wood Door Jamb
3213.21.4	1.7	-0.1	81	Good	Blue Concrete Block Wall
3213.21.5	0.7	-0.0	81	Good	Blue Concrete Block Wall
					(Inconclusive - See other wall results)
3213.21.6	1.7	-0.0	20	Good	Blue Wood Lower Trim
3213.21.7	0.1	0.0	20	Good	Blue Concrete Block Wall
3213.21.8	-0.2	-0.1	20	Good	Blue Wood Door
3213.21.9	-0.2	-0.1	81	Fair	Blue Metal Door Jamb
3213.21.10	0.1	-0.1	20	Good	White Attached Tile Ceiling
3213.21.11	1.4	-0.1	81	Good	Blue Concrete Block Wall
Room 22 (Storage Room)					
3213.22.1	-0.6	-0.1	20	Good	Blue Concrete Block Wall
3213.22.2	0.2	-0.1	20	Good	Blue Concrete Block Wall
3213.22.3	0.0	0.0	20	Good	Blue Wood Lower Trim
3213.22.3	0.2	0.0	20	Good	Duplicate
7094020894151001	1.1	1.2	81	N/A	Calibration Check
3213.22.4	0.1	-0.1	20	Good	Blue Wood Door
3213.22.5	0.3	-0.1	20	Good	Blue Wood Door Casing

Positive XRF readings (if any) are in **Bold**.

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surf paint films. The survey results are based on K-shell readings as per hoo Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 23 (Large Office)					
3213.23.1	-0.1	-0.1	20	Good	Blue Concrete Block Wall
3213.23.2	-1.2	-0.1	20	Good	Blue Concrete Window Sill
7094020894153501	1.2	1.3	81	N/A	Calibration Check
7094080294173702	1.2	1.3	81	N/A	Calibration Check
1.63	1.5	1.6	81	N/A	NIST Std. = 1.63
7094021094131501	0.3	0.6	98	N/A	Calibration Check
7094021094131501	0.4	0.5	98	N/A	Calibration Check
7094021094131501	0.5	0.6	98	N/A	Calibration Check
7094021094131501	0.2	0.6	98	N/A	Calibration Check
7094021094131501	0.5	0.6	98	N/A	Calibration Check
0000	-0.0	-0.1	98	N/A	Blank
1.02	1.1	1.1	98	N/A	NIST Std. = 1.02
3213.23.3	0.5	-0.1	98	Good	Blue Metal Window Casing
3213.23.4	0.5	-0.1	98	Good	Blue Metal Door Jamb
3213.23.5	-0.2	-0.1	24	Good	Blue Wood Door
3213.23.6	-0.2	-0.2	24	Good	Blue Concrete Block Wall
3213.23.7	-0.0	-0.1	24	Good	Blue Concrete Block Wall
3213.23.8	0.0	-0.2	24	Good	Blue Sheetrock Wall
3213.23.9	0.3	-0.1	98	Good	Blue Wood Beam
Room 24 (Office)					
3213.24.1	-0.1	-0.1	98	Good	Blue Concrete Block Wall
3213.24.2	-0.9	-0.2	24	Poor	Blue Concrete Window Sill
3213.24.3	0.5	-0.1	98	Good	Blue Metal Window Casing
3213.24.4	0.1	-0.1	24	Good	Blue Wood Door Casing

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 25 (Office)					
3213.25.1	-0.4	-0.1	24	Good	Blue Concrete Block Wall
3213.25.2	-0.1	-0.1	98	Good	Blue Wood Lower Trim
3213.25.3	-0.1	-0.1	24	Good	Blue Wood Door Header
Room 26 (Large Office)					
3213.26.1	0.2	-0.2	98	Fair	Blue Concrete Block Wall
3213.26.2	-0.8	-0.1	24	Good	Stained Wood Door
3123.26.3	0.8	-0.1	24	Fair	Blue Rubber Baseboard
3213.26.4	-1.8	-0.2	24	Good	(Inconclusive due to underlying ceramic tile baseboard) Blue Concrete Window Sill
3213.26.5	0.4	-0.1	98	Fair	Blue Metal Window Sash
3213.26.6	-0.0	-0.1	24	Good	Blue Wood Door
3213.26.6	-0.0	-0.1	24	Good	Duplicate
7094021094143001	0.4	0.5	98	N/A	Calibration Check
3213.26.7	0.4	-0.2	98	Good	Blue Metal Door Jamb
3213.26.8	1.6	-0.2	98	Good	Blue Rubber Baseboard
(Positive due to underlying ceramic tile baseboard)					
Room 27 (Office)					
3213.27.1	0.3	-0.2	24	Good	Blue Concrete Block Wall
3213.27.2	0.3	-0.1	24	Good	Yellow Concrete Block Wall

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surf paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
Ft. McClellan Building No. 3213
Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 27 (Office - continued)					
3213.27.3	-0.0	-0.1	24	Good	Blue Sheetrock Wall
3213.27.4	0.1	-0.1	24	Good	Blue Wood Door
3213.27.5	-0.2	-0.1	24	Good	Blue Wood Lower Trim
3213.27.6	-2.6	-0.3	24	Good	Blue Concrete Window Sill
Room 28 (Office/Restroom)					
3213.28.1	0.4	-0.1	98	Good	Blue Metal Window Sash
3213.28.2	-0.3	-0.2	24	Good	Blue Concrete Window Header
3213.28.3	-1.0	-0.2	24	Good	Blue Concrete Block Wall
3213.28.4	0.0	-0.1	98	Fair	White Wood Shelf
3213.28.5	-0.6	-0.2	24	Good	White Concrete Block Wall
3213.28.6	0.5	-0.2	98	Good	Blue Metal Door Jamb
3213.28.7	0.2	-0.1	24	Good	White Metal Stall
3213.28.8	0.1	-0.2	24	Good	White Concrete Block Wall
3213.28.9	0.2	-0.1	24	Good	Brown Wood Door
3213.28.10	-0.3	-0.1	24	Good	Blue Wood Door
3213.28.11	0.9 ⁽¹⁾	-0.1	98	Good	Blue Metal Door Casing (Inconclusive - Scrape Sample Taken)
Room 29 (Kitchen)					
3213.29.1	-1.4	-0.2	24	Good	Blue Concrete Window Sill
3213.29.1	-1.2	-0.2	24	Good	Duplicate

(1) Lab analysis negative. (Result = 0.08% Lead, Action level = 0.5% Lead)

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 29 (Kitchen - continued)					
7094021094152001	0.4	0.6	98	N/A	Calibration Check
3213.29.2	0.5	-0.1	98	Good	Blue Metal Window Casing
3213.29.3	0.0	-0.1	24	Fair	Blue Wood Cabinet
3213.29.4	-0.2	-0.2	24	Good	Blue Concrete Block Wall
3213.29.5	0.2	-0.1	24	Good	Blue Wood Door
Room 30 (Auditorium)					
3213.30.1	-0.0	-0.1	24	Good	Blue Concrete Column
3213.30.2	-0.3	-0.2	24	Fair	Blue Wood Lower Trim
3213.30.3	0.1	-0.1	24	Good	Blue Wood Stair Ris
3213.30.4	-0.1	0.0	24	Fair	Blue Wood Stair Tr.
3213.30.5	0.1	-0.1	24	Fair	Stained Wood Stage Floor
3213.30.6	0.1	-0.0	24	Good	Creme Concrete Block Wall
3213.30.7	-0.7	-0.1	24	Poor	White Plaster Ceiling
3213.30.8	0.3	-0.1	24	Fair	White Wood Stage Baseboard
3213.30.9	0.6	-0.1	98	Fair	White Metal Window Sash
3213.30.10	-0.1	-0.2	24	Good	Blue Concrete Block Wall
3213.30.11	0.6	-0.1	98	Good	Blue Metal Door Jamb
Room 31 (Hall)					
3213.31.1	-0.1	-0.1	24	Good	Blue Wood Door
3213.31.2	-0.2	-0.1	24	Good	Blue Concrete Block Wall
3213.31.3	-0.8	-0.3	24	Good	Creme Concrete Block Wall

K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surf paint films. The survey results are based on K-shell readings as per HUD Guidelines.

Table 1 (continued)
 Ft. McClellan Building No. 3213
 Lead-Based Paint Field Survey Results

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
EXTERIOR XRF READINGS					
3213.1	-0.3	-0.2	24	Good	Beige Concrete Block Wall
3213.2	1.6	0.8	98	Poor	Brown Metal Window Sash
3213.3	2.0	1.3	98	Fair	Brown Metal Window Casing
3213.4	-0.7	-0.2	24	Good	Beige Concrete Porch Ceiling
3213.5	-0.0	-0.1	24	Fair	Beige Concrete Window Sill
3213.6	0.3	0.5	98	Good	Brown Metal Downspout
3213.7	-0.6	-0.1	98	Fair	Brown Concrete Threshold
3213.8	3.8	1.5	24	Poor	Brown Metal Pole
3213.9	-0.9	-0.2	24	Good	Beige Concrete Block Wall
3213.10	3.6	1.9	24	Good	Brown Metal Window Casing
3213.11	-1.0	-0.1	24	Good	Beige Metal Door
3213.12	-0.9	-0.0	24	Poor	Beige Wood Small Door
3213.13	3.0	2.2	24	Poor	Yellow Concrete Curb
3213.13	3.7	2.2	24	Poor	Duplicate
7094021094170001	0.4	0.6	98	N/A	Calibration Check
3213.14	3.6	1.8	24	Good	Brown Metal Door
3213.15	-0.9	-0.2	24	Fair	White Concrete Wall
3213.16	-1.8	-0.3	24	Fair	Beige Concrete Overhang
3213.17	-1.5	-0.3	24	Poor	White Concrete Curb
3213.18	0.4	0.2	98	Good	Brown Metal Upper Trim
7094021094172501	0.6	0.6	98	N/A	Calibration Check
1.02	0.9	1.0	98	N/A	NIST Std. = 1.02

Positive XRF readings (if any) are in **Bold**.

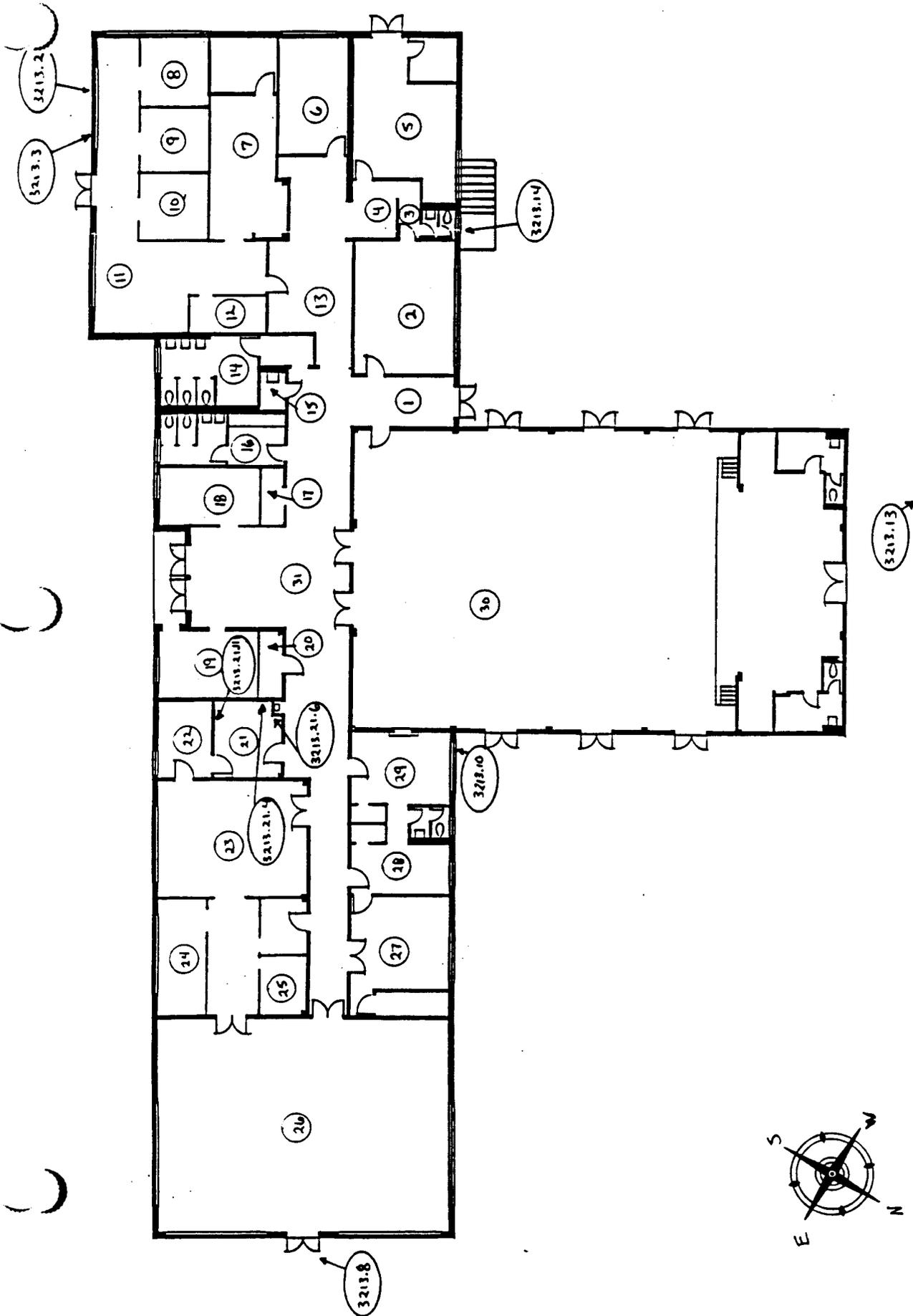
K-Shell and L-Shell columns are lead concentrations in mg/cm². K-Shell is total lead (multi-layered paint surfaces) and L-Shell is essentially surface paint films. The survey results are based on K-shell readings as per HUD Guidelines.



Figure 1. Front view of Building 3213.



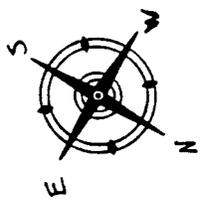
Figure 2. Rear view of Building 3213.



Generalized Floorplan - Not to Scale

Only Locations of Positive XRF Readings (if any) Are Shown

○ - Room Number



Unit No. 3213
 Plate No. 1

**ASBESTOS CONTAINING BUILDING MATERIALS
SURVEY REPORT**

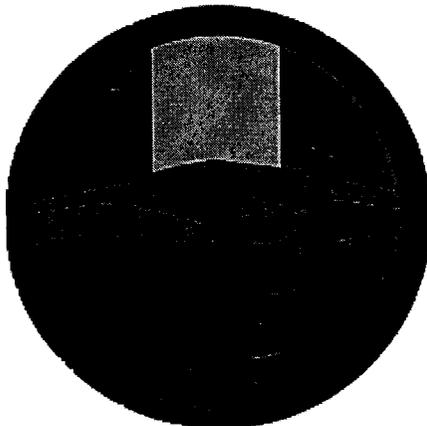
BUILDING: 3293

**ASBESTOS CONTAINING BUILDING MATERIALS SURVEY
CHAPEL
BUILDING 3293**

FORT McCLELLAN, ALABAMA

U.S. ARMY CONTRACT NO. DABT02-96-D-0005
DELIVERY ORDER 0005

Fort McClellan



Staying Beautiful

Conducted and Prepared by:

REISZ ENGINEERING
P.O. BOX 1349

HUNTSVILLE, ALABAMA 35807
ASBESTOS CONTAINING BUILDING MATERIALS SURVEY
CHAPEL
BUILDING 3293

FORT McCLELLAN, ALABAMA

U.S. ARMY CONTRACT NO. DABT02-96-D-0005
DELIVERY ORDER 0005

Prepared For:

DIRECTORATE OF ENVIRONMENT
FORT McCLELLAN

APPROVED FOR TRANSMITTAL BY
JAMES R. WRIGHT

Conducted and Prepared by:

REISZ ENGINEERING

June, 1998

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APPENDICES

APPENDIX A - REPORT OF LABORATORY ANALYSIS
APPENDIX B - SUMMARY TABLE OF ACM
APPENDIX C - SAMPLE LOCATIONS PLANS
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1.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this survey was to locate and identify asbestos containing building materials at Building 3293 located at Fort McClellan, Alabama. Pursuant to the Contract, REISZ Engineering was required to provide the survey in accordance with AHERA (40 CFR Part 763 Subpart E) protocol. AHERA is applicable to interior building products installed prior to October 12, 1988. AHERA does not apply to the exterior of buildings and does not apply to non-building materials (e.g. cabinetry, special equipment and chalkboards). REISZ Engineering has included as part of the survey those readily accessible, suspect friable interior non-building materials (e.g. vibration dampers); but has not included certain items (e. g. interior linings of equipment and special supplies, some non-friable materials such as transite, etc.). Exterior building materials were not sampled as part of this contract unless those materials were suspected to be of friable nature and continuous with indoor materials (e.g. piping insulation). Specifically, REISZ Engineering was contracted to provide the following services:

1. Identify and collect samples of accessible suspect friable building materials within the referenced project area.
2. Perform a visual inspection to provide information on material condition, material quantities, material locations, and building use.
3. Analysis of all bulk samples for asbestos content utilizing Polarized Light Microscopy and Dispersion Staining Techniques performed in accordance with EPA Bulk Analysis Method
EPA 600/M4-82-020.
4. Make recommendations as to response actions pertaining to those materials identified as asbestos containing.

5. Compilation of a final report (contained herein) which details all sample results, identifies sample locations, and provides recommendations based upon the results.
6. Preparation of a Building specific Operations & Maintenance (O&M) Plan for buildings containing friable asbestos materials.

2.0 REGULATORY STANDARDS

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) requires the Owner or Operator of a facility to determine the presence or non-presence of asbestos containing materials prior to conducting renovation or demolition activities. The NESHAP Standard for asbestos (40CFR Part 61 Sub-part M) requires the use of engineered control procedures for removal of asbestos materials that are or will become friable during renovation or demolition. The removal must occur before renovation or demolition activities impact those materials.

On October 11, 1994 an OSHA promulgated regulation (29 CFR Part 1926.1101) became effective. This Standard is related to asbestos exposure in construction, renovation and building maintenance work places. Building owners are required, pursuant to the Standard, to notify employees, tenants and prospective employers (contractors) of the presence, location and quantities of ACM in the building. Implementation of the "communication of hazards" provisions in the Standard were originally to be not later than April 10, 1995 but was extended to July 10, 1995 and is now in effect. The OSHA Standard does not apply to work performed by employees of State agencies in states without state run OSHA programs (e.g. Alabama).

In October 1986, the Asbestos Hazard Emergency Response Act (AHERA) was signed into law. Included in this act are provisions directing E.P.A. to establish rules and regulations

(40CFR Part 763) addressing asbestos-containing materials in schools. Specifically, the E.P.A. was directed to address the issues of: 1) identifying, 2) evaluating, and 3) controlling asbestos containing materials (ACM) in schools. AHERA requires schools to perform building inspections and to prepare management plans for ACM control. Although the AHERA regulation does not specifically apply to this project it is generally accepted as the industry standard and was cited by Fort McClellan in the Asbestos Survey Request as the basis of survey methodology. The AHERA inspections must be conducted using specific guidelines that include a minimum number of samples per material type. This survey was conducted in accordance with those guidelines per the Contract requirements.

On November 28, 1992 a law became effective which extended the EPA's Model Accreditation Plan to all public and commercial buildings. Currently the rule extends the accreditation requirements of persons performing asbestos work (inspectors, project designers, abatement supervisors, and workers) in public and commercial buildings, but does not extend the other aspects of AHERA. This project was conducted utilizing EPA accredited personnel.

3.0 PROJECT CHARACTERISTICS

During the month of June 1997, Reisz Engineering accredited Asbestos Inspectors performed inspections of Building 3293 for the purpose of identifying building materials suspected to contain asbestos. Building 3293 is a single story building serving as a Chapel. The building contains approximately 9,500 sq. ft. of floor space. Based on information provided by Fort McClellan representatives the building was originally constructed in 1953. Various renovations may have taken place since the building was originally constructed but no building plans have been found which can be used to verify specific dates and activities.

The dominant flooring condition existing in the facility are 1) carpet, and 2) ceramic tile. A 9x9 inch vinyl floor tile is found underneath all carpet in the facility.

4.0 SURVEY METHODOLOGY

The building was visually inspected for the presence of material suspected to contain asbestos. Those suspect materials were identified, bulk samples were obtained and placed into individual vials for transportation to the University of Alabama in Huntsville. General areas for sample locations were selected on a random basis with a preference for exact positioning at existing damage. Each sample location is represented by a number on the plans in Appendix C. Those numbers directly correspond with the numbers listed elsewhere in this report.

If any additional suspect materials are identified during renovation or demolition they should be analyzed for asbestos content. Materials visibly identifiable as non-asbestos (fiberglass, foam rubber, wood, etc.) were not sampled. Materials installed after October 12, 1988 (as reported by Fort McClellan staff) were not sampled.

Hazard Assessment Factors

Each time suspect ACM was sampled, it was classified as either a friable or a non-friable material. Friable material may be crumbled, pulverized, or reduced to powder by hand pressure. Friable ACM is more hazardous than non-friable ACM because friable material can release airborne asbestos fibers more easily. In assessing the fiber release potential, the current condition of all ACM identified was noted. Evidence of deterioration, physical damage, water

damage, erosion of ACM due to its' proximity to an air plenum, high vibration, or contact potential was also noted.

5.0 LABORATORY ANALYSIS METHODOLOGY

All bulk samples were analyzed at UAH by polarized light microscopy utilizing dispersion staining or Becke line techniques, in accordance with the EPA's "Interim Method for Determination of Asbestos in Bulk Insulation Samples" (EPA 600/m4-82-020). Quality control samples were taken as duplicates at a rate of 1 to 10 and were sent to a second accredited laboratory. This type of analysis requires the microscopist to take a portion of the bulk sample and treat it with an oil of specific refractive index. This prepared slide is then subjected to a variety of optical tests.

Each type of asbestos displays unique characteristics when subjected to these tests. Percentages of the identified types of asbestos are determined by visual estimation. Even though this is an estimation, any material that contains greater than one percent of any type of fibrous asbestos is considered ACM and must be handled according to OSHA and EPA regulations if disturbed during maintenance, renovation, demolition or removal.

The UAH laboratory participates in the American Industrial Hygiene Association (AIHA) quality assurance program for polarized light microscopy and is accredited by the AIHA through their voluntary program.

6.0 SUSPECT MATERIALS

The following is a general list of building materials that were suspected to contain asbestos. A complete and more detailed description of these substances can be found in Appendix B.

Surfacing

- None

Thermal System Insulation

- Cementitious pipe fitting and straight run insulation
- Air-cell type pipe insulation

Miscellaneous Material

- Vinyl floor tile 9x9
- Vinyl flooring mastic

7.0 ASBESTOS INSPECTION AND SAMPLING RESULTS

A total of 14 bulk sample were collected and analyzed. Details of all laboratory results can be found in Appendix A. A listing of all suspect materials, their corresponding sample numbers, general location, and approximate quantity are indicated in Appendix B. A narrative description of all "Friable Asbestos Containing Material" and "Non-Friable ACM" identified during the survey, is given below.

FRIABLE ACM

Laboratory analysis determined asbestos is present in three types of friable material: 1) brown air-cell type pipe insulation, 2) cementitious pipe fitting insulation, and 3) cementitious straight run pipe insulation.

- 1) A friable, asbestos containing air-cell type insulation is found on pipes in the crawlspace and other areas of Building 3293. Some pipes are insulated with fiberglass.
- 2) A friable, cementitious pipe fitting insulation is found on pipes in various locations in the building.
- 3) A friable, cementitious straight run pipe insulation is found on pipes in various locations in the building.

NON FRIABLE ACM

Two types of non-friable ACM were found to be present in the building: 1) 9x9 inch vinyl floor tile, and 2) mastics associated with 9x9 inch vinyl floor tile.

- 1) An asbestos containing 9x9 inch vinyl floor tile is found below carpet in the building.
- 2) Black, asbestos containing mastic is present below 9x9 inch vinyl floor tile in the building.

INACCESSIBLE MATERIAL,

Insulation and spray-on compounds associated with inaccessible crawl-space and tunnel areas may should be assumed as “like” materials corresponding to materials sampled within the building.

8.0 CONCLUSIONS AND RECOMMENDATIONS

None of the materials identified within this report are damaged to the extent that significant asbestos fiber release may be likely under normal conditions. Proper management of the material in-place may be acceptable assuming the proper precautions are taken to eliminate exposure of personnel to any airborne asbestos. Reisz Engineering has written a Building Operations & Maintenance Plan for Building 3293 and we suggest that recommendations included in this plan be followed.

9.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during the inspections of Building 3293 during June, 1997. Reisz Engineering and this report make no representation or assumptions as to past conditions or future occurrences.

Our inspection was generally non-destructive in nature. Any conditions or materials that were not visible on the surface were not inspected and may differ from those observed. It was not within the scope of this investigation to remove surface materials to investigate portions of the structure or materials that may lie beneath the surface. Our selection of sample locations and frequency is based upon our observations and the assumption that all materials in the same area are homogeneous.

This report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is this report to be utilized as a bidding document or as a project specification document.

APPENDIX A

REPORT OF LABORATORY ANALYSIS FOR ASBESTOS

APPENDIX B

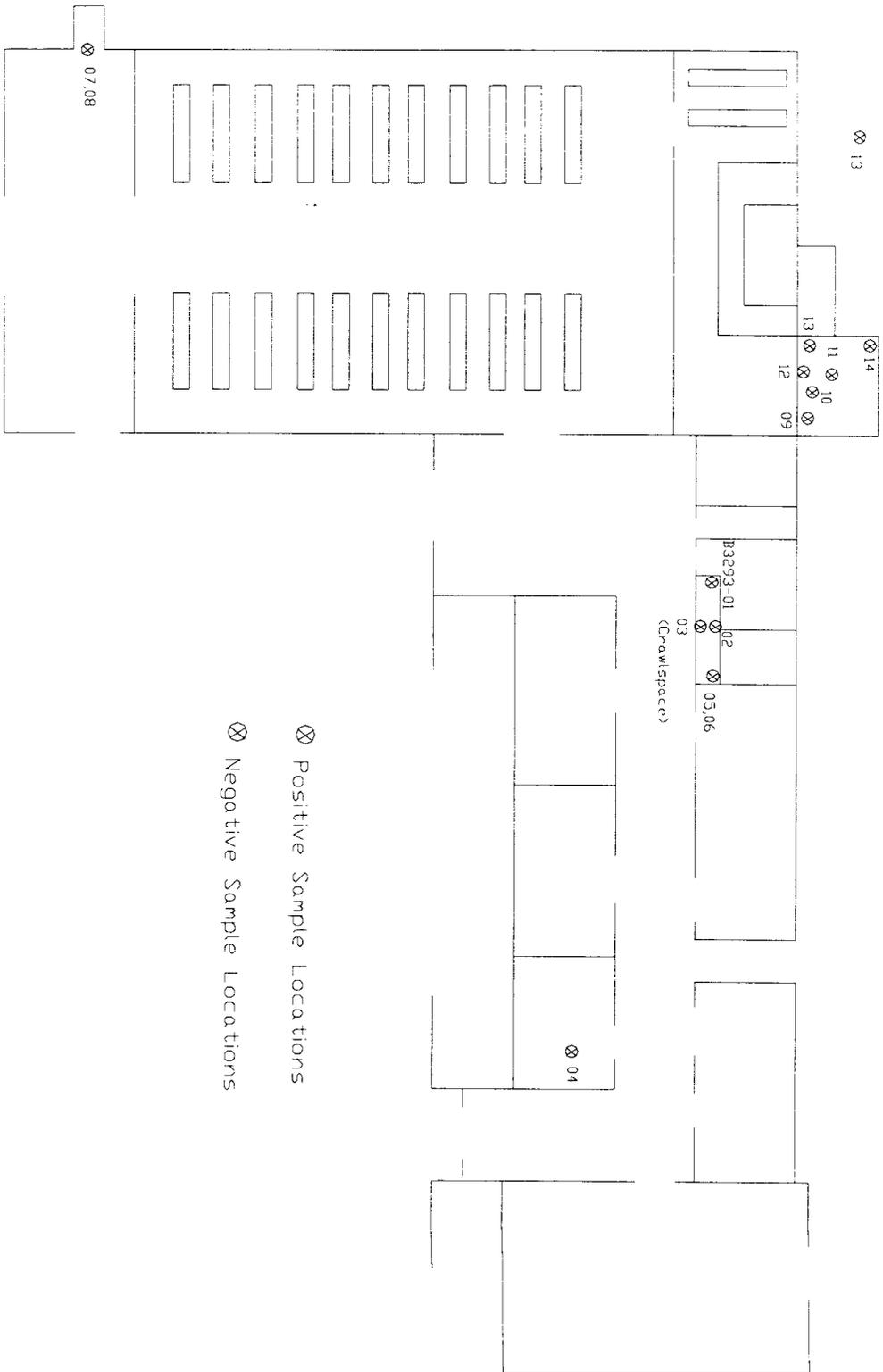
ASBESTOS CONTAINING MATERIALS

**SUMMARY TABLE
ASBESTOS CONTAINING MATERIALS
CHAPEL
BUILDING 3293
FORT McCLELLAN, ALABAMA**

SAMPLE #(S)	Description of Materials	General Location of Material	Quantity (approx.)
B3293-02,03	Pipe insulation on Straight runs	Crawlspace	1000 linear ft.
B3293-05,06	9x9 floor tile & mastic	Under carpet in office Areas of building	4,000 sq. ft.
B3293-09,11,13	Cementitious pipe Insulation	Mechanical room	50 linear ft.

APPENDIX C

SAMPLE LOCATIONS PLANS



- ⊗ Positive Sample Locations
- ⊗ Negative Sample Locations

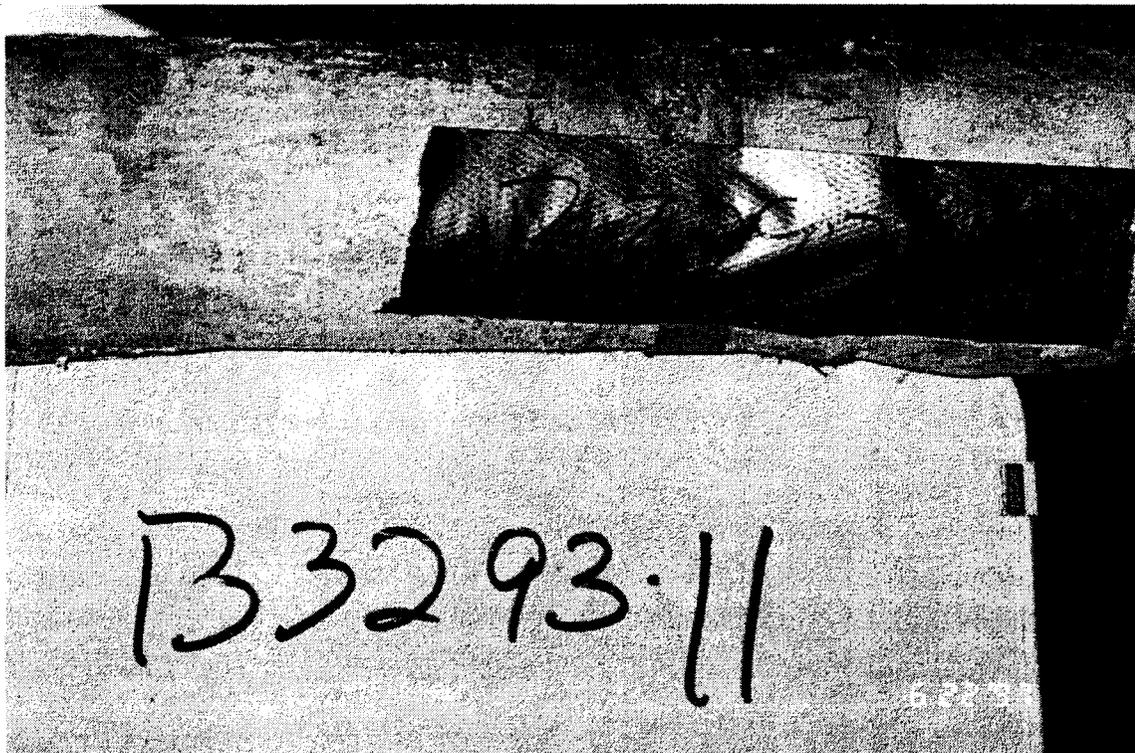
BUILDING:	3293	FIG. 1 LAYOUT	ASBESTOS SURVEY DAB102-96-D-0005 FM705	REISZ ENGINEERING
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APPENDIX D

SELECTED ACM PHOTOGRAPHS



B3293-09: White powdery asbestos containing pipe insulation.



B3293-11: White powdery asbestos containing pipe insulation.

**LEAD BASED PAINT
SURVEY REPORT**

BUILDING(S): 3310 - 3343



US ARMY CORPS OF ENGINEERS
SOUTH ATLANTIC DIVISION LABORATORY
611 SOUTH COBB DRIVE
MARIETTA, GEORGIA 30060-3112
PHONE 404/421-5271 FAX 404/421-4977

14 October 1994

**LEAD-BASED PAINT SURVEY REPORT
AVERY FAMILY HOUSING GROUP
BUILDINGS 3310 - 3343
FT. McCLELLAN, ALABAMA**

INTRODUCTION

1. This is the lead-based paint (LBP) field survey report for the Avery Family Housing Group (Buildings 3310 - 3343) located at Ft. McClellan, Alabama. Twenty five (25) units were selected by Ft. McClellan to be surveyed (see Plate 1). The units are grouped according to style and date of construction, and similarity of survey results. The the units tested in each group appear below.

Units tested in Group 1 (Buildings 3310 - 3331)

3311A	3313A	3314A	3314B	3316A	3316B	3317B
3319A	3319B	3322B	3324A	3325A	3327B	3328B
3330A	3331A					

Units tested in Group 2 (Buildings 3334 - 3343)

3334A	3336A	3337A	3337B	3339A	3340A	3341B
3343A	3343B					

2. A summary of the LBP survey for each group is provided in this report. The components tested appear in Tables 1 and 2. A summary for each unit appears in the Appendix. Included are the actual field XRF readings, a photograph of the unit, and a floorplan of the unit showing the locations of the XRF readings testing positive.

3. The LBP survey was conducted in accordance with general procedures in the April 1, 1990 HUD Guidelines (revised September 28, 1990) and EPA standard operating procedures (EPA document EPA600/8-91/214) for this instrument. The survey was performed by certified surveyors using a SCITEC MAP 3, X-ray Fluorescence Spectrometer (spectrum analyzer) XRF instrument.

5. The "action level" defined in the HUD Interim Guidelines is a lead concentration above 1.0 mg/cm². Lead concentrations in this

report are shown for both K-shell and L-shell. The L-shell XRF reading is essentially for the top 1 or 2 surface paint layers, whereas, the K-shell is total lead applicable for multi-layered paint surfaces. HUD Guidelines specify that the K-Shell results be used for evaluating XRF readings.

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14 October 1994

CESAD-EN-FL

6. Positive readings (detectable lead above the action level) with the XRF vary depending on the instrument mode selected. The "test"⁽¹⁾ mode is normally used for routine readings. Readings testing "positive"⁽²⁾ according to the XRF instrument manufacturer in the test mode are those with a lead concentration greater than 1.3 milligrams per centimeter squared (mg/cm^2), whereas, "negative" refers to readings of $0.7 \text{ mg}/\text{cm}^2$ or less. According to the HUD guidelines, positive readings for this instrument are greater than $1.3 \text{ mg}/\text{cm}^2$. "Inconclusive" readings are those that fall between $0.7 \text{ mg}/\text{cm}^2$ and $1.3 \text{ mg}/\text{cm}^2$.

7. In this report paint condition stated as "good" is defined as intact; "fair" as intact but worn (minor chips from wear and tear but no adhesion or substrate problems); "poor" as severely worn or no longer adhering or, substrate deterioration (e.g., peeling, flaking, cracking, etc.).

DISCUSSION

8. The Avery Family Housing Group (Buildings 3310 -3343) consists of one story, two and three bedroom duplexes. All of the units are of similar construction using typical building materials. The buildings have been updated with vinyl siding and factory finished doors and gutters. Based on the survey results, Avery can be summarized in two groups. The groups are differentiated by floor-plan and dates of construction (Group 1 1959-60, Group 2 1958).

9. In Group 1, a total of seven hundred eighty six (786) XRF readings were made. One hundred fifty four (154) were positive for LBP (see Table 1). In Group 2, a total of four hundred twenty six (426) XRF readings were made. Seventy nine (79) were positive for LBP (see Table 2). The components testing positive for leaded paint are summarized below.

EXTERIOR SUMMARY

Group 1 (Buildings 3310 - 3331)

10. Based on the survey results, it is reasonable to assume that all painted wood components (e.g., door casings and jambs, window components, fences, etc.) contain positive levels of lead-based paint. Lead-based paint was also detected on painted wood exposed beneath the vinyl siding. The metal columns supporting the rear porch roofs should also be considered positive.

(1) The XRF instrument "test" mode is a reading of approximately 60 seconds duration. Test of longer duration increases precision.

(2) **Inconclusive Range For XRF Spectrum Analyzer**

Instrument Mode	Range	Units
Screen	0.4 - 1.6	mg/cm ²
Test	0.7 - 1.3	mg/cm ²
Confirm	0.85 - 1.15	mg/cm ²

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14 October 1994

CESAD-EN-FL

EXTERIOR SUMMARY (continued)

Group 2 (Buildings 3334 - 3343)

11. Based on the survey results, it is reasonable to assume that all porch components (e.g., railing, trim, ceiling, columns, etc.) and wood fences contain positive levels of lead-based paint. At Unit 3343B, the green concrete slab also tested positive.

INTERIOR SUMMARY

Group 1 (Buildings 3310 - 3331)

12. On the interior of this group, shelves, shelf supports, window sashes and attic scuttle components should be considered positive for lead-based paint.

Group 2 (Buildings 3334 - 3343)

13. On the interior of this group, shelves, shelf supports, baseboards and curtain moldings should be considered positive for lead-based paint. In Unit 3340A, door components (e.g., casing, jamb, header, etc.) were found to be positive.

PAINT CONDITION

14. Overall, the paint on the interior and exterior of Groups 1

and 2 is in good condition.

Prepared By: _____

Keith Bates
Geologist

Reviewed By: _____

Ray Willingham
Geologist

encl

CESAD-EN-FL

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14 October 1994

Plate 1

Avery Family Housing Group

Group 1 (Buildings 3310 - 3331) Group 2 (Buildings 3334 - 3343)
Buildings In Which Units Were Surveyed Appear In Black

CESAD-EN-FL

14 October 1994

Table 1
Component Summary
Avery Family Housing Group No. 1
Buildings 3310 - 3331

COMPONENT	NUMBER TESTED	NUMBER POSITIVE	PERCENT POSITIVE
Exterior Components			
Porch Column	15	15	100

Window Components (e.g., casing, sill, etc.)	31	30	97
Door Components (e.g., jambs, casings, etc.)	20	19	95
Doors	2	0	0
Fences	6	3	50
Gutters/Exhaust Vent	2	0	0
Exposed Wood Beneath Vinyl Siding	1	1	100
Interior Components			
Doors	78	0	0
Door Components (e.g., jambs, casings, etc.)	91	0	0
Window Components (e.g., sill, casing, apron, etc.)	133	0	0
Window Sashes	42	41	98
Ceilings	89	0	0
Walls	70	0	0
Baseboards	63	0	0
Floors	39	0	0
Shelf Supports	41	30	73
Shelves	39	9	23
Cabinets	16	0	0
Attic Scuttles	7	6	86
HVAC Vent	1	0	0
TOTALS	786	154	20

Buildings 3334 - 3343

COMPONENT	NUMBER TESTED	NUMBER POSITIVE	PERCENT POSITIVE
Exterior Components			
Porch Components (e.g., trim, railing, column, ceiling, etc.)	35	30	86
Window Components (e.g., casing, sill, etc.)	15	0	0
Fences	8	8	100
Concrete Slab (only at Unit 3343B)	1	1	100
Interior Components			
Doors	44	0	0
Door Components (e.g., jambs, casings, etc.)	48	3 *	see note
Window Components (e.g., sill, casing, apron, sash, etc.)	78	0	0
Ceilings	44	0	0
Walls	45	0	0
Baseboards	34	10	29
Floors	17	0	0
Shelf Supports	10	8	80
Shelves	22	15	68
Cabinets	9	0	0
Attic Scuttles	8	0	0
Curtain Molding	8	4	50
TOTALS	426	79	18

* All door components testing positive were found in Unit 3340A.

APPENDIX

Group 1

3311A
3313A
3314A
3314B
3316A
3316B
3317B
3319A
3319B
3322B
3324A
3325A
3327B
3328B
3330A
3331A

Group 2

3334A
3336A
3337A
3337B
3339A
3340A
3341B
3343A
3343B

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3311A

Type Building: Two Bedroom Duplex

Date Constructed: 1959

Type Construction: Brick and Wood

Survey Summary

1. Unit 3311A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. No positive levels of lead-based paint were detected on the interior of this unit (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that wood door components (e.g., jambs, casing, etc.) and wood window components (e.g., sash, casing, sill, etc.) on the exterior of this unit contain positive levels of lead-based paint (see floorplan).
4. A photograph of Unit 3311A appears below.

**Field XRF Readings for Quarters 3311A
Ft. McClellan, Alabama**

Date Surveyed: 07 February 1994

Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020794133001	0.7	0.6	95	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3311A.1.1	-0.0	-0.1	23	Good	White Wood Baseboard
3311A.1.2	0.2	-0.1	95	Good	White Wood Door Casing
3311A.1.3	0.3	-0.1	95	Good	White Wood Door
3311A.1.4	0.3	0.2	95	Good	White Metal Door
3311A.1.5	0.2	-0.1	95	Good	White Wood Shelf Support
3311A.1.6	-0.9	-0.2	23	Good	White Plaster Wall
3311A.1.7	0.2	-0.1	23	Good	White Plaster Ceiling
3311A.1.8	-0.5	-0.1	23	Good	White Wood Door Jamb
3311A.1.9	0.2	-0.1	23	Good	Stained Wood Floor

Room 2 (Kitchen)

3311A.2.1	0.1	-0.1	23	Good	White Wood Cabinet
3311A.2.2	0.3	-0.1	95	Good	White Wood Window Casing
3311A.2.3	-0.2 ⁽¹⁾	- 0.3	23	Good	White Wood Window Apron (Inconclusive- Scrape Sample Taken)
3311A.2.4	-0.1	-0.1	23	Good	White Plaster Wall
3311A.2.5	-0.0	-0.1	23	Good	White Plaster Ceiling

(1) Lab analysis negative (Results = 0.13% Lead, Action Level \geq 0.5%).

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3311A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Kitchen) (continued)					
3311A.2.6	-0.1	-0.1	23	Good	White Wood Baseboard
3311A.2.7	0.3	-0.1	95	Good	White Wood Door Casing
3311A.2.8	0.3	0.2	95	Good	White Metal Door Casing
3311A.2.9	-0.1	-0.1	95	Good	White Wood Door Jamb
Room 3 (Dining/Living Room)					
3311A.3.1	-0.1	-0.1	23	Good	White Plaster Ceiling
3311A.3.2	0.9	-0.1	95	Good	White Wood Window Apron (Inconclusive- See Sample 3311A.2.3)
3311A.3.3	0.0	-0.1	23	Good	White Plaster Wall
3311A.3.4	0.2	-0.1	23	Good	White Wood Baseboard
3311A.3.5	-0.2	-0.3	23	Good	White Wood Window Frame
3311A.3.6	-1.0	-0.2	23	Good	Stained Wood Floor
3311A.3.6	-0.9	-0.3	23	Good	Duplicate
7094020794143501	0.4	0.6	95	N/A	Calibration Check

Room 4 (Bathroom and Hallway)

3311A.4.1	0.1	-0.1	23	Good	White Plaster Wall
3311A.4.2	-0.1	-0.0	23	Good	White Plaster Ceiling
3311A.4.3	0.6	-0.1	95	Good	White Wood Window Sill
3311A.4.4	-0.3	-0.2	95	Good	White Wood Door Casing
3311A.4.5	-0.2	-0.1	23	Good	White Wood Shelf
3311A.4.6	-0.0	-0.1	23	Good	White Wood Baseboard
3311A.4.7	0.2	-0.1	95	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3311A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 5 (Bedroom)					
3311A.5.1	0.1	-0.1	95	Good	White Metal Door
3311A.5.2	0.2	-0.1	23	Good	White Plaster Ceiling
3311A.5.3	0.5	-0.1	95	Good	White Wood Window Casing
3311A.5.4	-0.9	-0.1	23	Good	White Wood Baseboard
3311A.5.5	0.2	-0.1	23	Good	White Plaster Ceiling
3311A.5.6	-0.1	-0.1	23	Good	White Wood Door
3311A.5.7	-1.6	-0.2	23	Good	Stained Wood Floor
3311A.5.8	0.0	-0.1	95	Good	White Wood Door Casing

Room 6 (Bedroom)

3311A.6.1	1.2	0.1	95	Good	White Wood Shelf Support (Inconclusi See Sample 3311A.1
3311A.6.2	0.0	-0.1	23	Good	White Plaster Wall
3311A.6.3	0.2	-0.1	95	Good	White Metal Door
3311A.6.4	1.2	-0.1	95	Good	White Wood Window Apron (Inconclusive- See Sample 3311A.2.3)
3311A.6.5	0.2	-0.1	23	Good	White Wood Baseboard
3311A.6.6	0.1	-0.0	23	Good	White Plaster Ceiling
3311A.6.7	-0.2	-0.1	23	Good	White Wood Door
3311A.6.7	0.2	-0.1	23	Good	Duplicate
7094020794152601	0.5	0.6	95	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3311A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

EXTERIOR XRF READINGS

3311A.1	5.7	1.0	23	Good	White Wood Door Casing
3311A.2	7.2	0.9	23	Good	White Wood Window

3311A.3	0.3	0.3	95	Good	Casing White Metal Door
7094020794153701	0.4	0.6	95	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3313A

Type Building: Two Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3313A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. A confirmatory lab analysis of a scrape sample from a wood shelf support also tested positive (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3313A appears below.

**Field XRF Readings for Quarters 3313A
Ft. McClellan, Alabama**

Date Surveyed: 07 February 1994

Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020794153701	0.4	0.6	95	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3313A.1.1	0.3	-0.1	23	Good	White Wood Baseboard
3313A.1.2	-0.2	-0.2	23	Good	White Sheetrock Wall
3313A.1.3	0.0	-0.1	23	Good	White Plaster Ceiling
3313A.1.4	0.1	-0.2	23	Good	White Wood Door Casing
3313A.1.5	0.1	-0.1	95	Good	White Wood Door Jamb
3313A.1.6	0.1	-0.1	95	Good	White Wood Door
3313A.1.7	-0.1	-0.1	23	Good	White Wood Shelf
3313A.1.8	-0.1	-0.1	20	Good	Stained Wood Floor
3313A.1.9	1.0 ⁽¹⁾	0.1	95	Good	White Wood Shelf Support (Inconclusive- Scrape Sample Taken)

Room 2 (Kitchen)

3313A.2.1	0.1	-0.1	20	Good	White Wood Window Casing
3313A.2.2	0.5	-0.1	81	Good	White Wood Window Sill
3313A.2.3	2.8	0.7	20	Good	White Wood Window Sash
3313A.2.4	-0.0	-0.1	23	Good	White Sheetrock Ceiling

(1) Lab analysis positive (Results = 1.51% Lead, Action Level $\geq 0.5\%$).

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm^2 . K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3313A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm^2	L-Shell mg/cm^2	Time seconds	Condition	Comments
Room 2 (Kitchen) (continued)					
3313A.2.5	-0.1	-0.1	20	Good	White Wood Cabinet
3313A.2.6	-0.0	-0.1	23	Good	White Sheetrock Wa ¹
3313A.2.7	-0.3	-0.1	20	Good	White Wood Baseboa
3313A.2.8	-0.2	-0.1	23	Good	White Wood Door Header
3313A.2.9	0.5	-0.1	20	Good	White Wood Door Casing (Inconclusive- See Sample 3313A.1.4)
Room 3 (Living/Dining Room)					
3313A.3.1	-0.5	-0.1	20	Good	White Sheetrock Wall
3313A.3.2	0.6	-0.1	95	Good	White Wood Window Apron
3313A.3.3	0.8	-0.0	81	Good	White Wood Window Frame (Inconclusive)
3313A.3.4	-0.5	-0.1	23	Good	White Wood Baseboard
3313A.3.5	-0.0	-0.1	23	Good	White Plaster Ceiling
3313A.3.6	-1.2	-0.3	23	Good	Stained Wood Floor
3313A.3.7	1.7	0.5	20	Good	White Wood Window Sash

Room 4 (Hallway and Bathroom)

3313A.4.1	0.1	-0.1	95	Good	White Wood Window Sill
3313A.4.2	-0.1	-0.1	20	Good	White Wood Shelf
3313A.4.3	2.9	0.1	20	Good	White Wood Shelf Support
3313A.4.4	0.1	-0.0	81	Good	White Wood Door Jamb
3313A.4.5	-0.3	-0.1	23	Good	White Sheetrock Ceiling

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3313A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 4 (continued)					
3313A.4.6	0.2	-0.1	23	Good	White Wood Door
3313A.4.7	-0.4	-0.2	20	Good	White Sheetrock Wall
3313A.4.7	0.2	-0.1	20	Good	Duplicate
7094020794163001	1.0	1.2	81	Good	Calibration Check
3313A.4.8	0.0	-0.1	23	Good	White Wood Baseboard
3313A.4.8	0.2	-0.1	23	Good	Duplicate
7094070294163702	0.3	0.5	95	N/A	Calibration Check

Room 5 (Bedroom)

3313A.5.1	1.3	0.1	81	Good	White Wood Shelf Support
3313A.5.2	0.8	-0.1	382	Good	White Wood Window Casing
3313A.5.3	0.2	-0.1	20	Good	White Wood Shelf
3313A.5.4	-0.1	-0.1	20	Good	White Masonite Door
3313A.5.5	-0.4	-0.1	20	Good	White Sheetrock Wall
3313A.5.6	-0.5	-0.0	81	Good	White Wood Baseboard
3313A.5.7	2.3	0.5	20	Good	White Wood Window Sash
3313A.5.8	-0.1	-0.1	20	Good	White Plaster Ceiling
3313A.5.9	0.1	-0.1	20	Good	White Wood Door Header
3313A.5.10	-0.1	-0.1	20	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3313A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 6 (Bedroom)					
3313A.6.1	-0.3	-0.1	20	Good	White Sheetrock Wall
3313A.6.2	2.6	0.2	20	Good	White Wood Shelf Support

3313A.6.3	0.0	-0.1	23	Good	White Plaster Ceiling
3313A.6.4	-0.1	-0.0	20	Good	White Wood Shelf
3313A.6.5	0.1	-0.1	23	Good	White Wood Baseboard
3313A.6.6	1.1	-0.0	81	Good	White Wood Window Casing (Inconclusive- See Sample 3313A.5.2)
3313A.6.7	0.0	-0.1	23	Good	White Masonite Door
3313A.6.8	0.2	-0.1	37	Good	White Wood Door
3313A.6.9	0.5	-0.0	81	Good	White Wood Window Sill
3313A.6.10	0.3	-0.1	23	Good	White Wood Door Jamb
3313A.6.11	2.8	0.5	20	Good	White Wood Window Sash
3313A.6.12	-1.8	-0.1	20	Good	Stained Wood Floor

EXTERIOR XRF READINGS

3313A.1	3.9	0.7	23	Good	White Wood Door Casing
3313A.2	4.3	0.7	20	Good	White Wood Window Sill
3313A.3	5.7	0.6	23	Good	White Wood Window Casing
3313A.4	6.6	0.6	20	Good	White Metal Porch Support
3313A.5	0.4	-0.2	95	Good	White Wood Door Casing
7094070294170802	0.4	0.5	95	N/A	Calibration Check
1.02	1.1	1.1	95	N/A	NIST Standard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3314A

Type Building: Two Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3314A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. Exposed wood siding beneath the vinyl siding tested positive for lead-based paint (see sample 3314A.7). The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3314A appears below.

**Field XRF Readings for Quarters 3314A
Ft. McClellan, Alabama**

Date Surveyed: 08 February 1994

Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020894071001	0.4	0.5	95	N/A	Calibration Check
7094020894071001	0.4	0.5	95	N/A	Calibration Check
7094020894071001	0.3	0.5	95	N/A	Calibration Check
7094020894071001	0.4	0.5	95	N/A	Calibration Check
7094020894071001	0.3	0.5	95	N/A	Calibration Check
0000	-0.1	-0.2	95	N/A	Blank
1.02	0.8	1.0	95	N/A	NIST Standard

INTERIOR XRF READINGS

Room 1 (Foyer)

3314A.1.1	0.3	-0.1	23	Good	White Wood Baseboard
3314A.1.2	-0.2	-0.1	23	Good	White Plaster Wall
3314A.1.3	-0.2	-0.1	23	Good	White Plaster Ceiling
3314A.1.4	0.1	-0.2	23	Good	White Wood Door Casing
3314A.1.5	2.0	0.1	23	Good	White Wood Shelf Support
3314A.1.6	-0.3	-0.1	23	Good	White Wood Shelf
3314A.1.7	0.1	-0.1	95	Good	White Wood Door
3314A.1.8	-0.1	-0.1	23	Good	White Wood Door Jamb
3314A.1.9	-1.1	-0.2	23	Good	Stained Wood Floor

Room 2 (Kitchen)

3314A.2.1	-0.2	-0.2	23	Good	White Wood Window Sill
3314A.2.2	2.6	0.4	23	Good	White Wood Window Sash

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3314A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 2 (Kitchen) (continued)					
3314A.2.3	0.1	-0.1	23	Good	White Wood Window Casing
3314A.2.4	0.4	-0.1	95	Good	White Wood Window Apron
3314A.2.5	-0.1	-0.1	23	Good	White Wood Cabinet
3314A.2.6	0.2	-0.2	23	Good	White Plaster Wall
3314A.2.7	-0.2	-0.1	23	Good	White Wood Door Header
3314A.2.8	-0.2	-0.2	23	Good	White Plaster Ceiling
3314A.2.8	-0.5	-0.2	23	Good	Duplicate
7094020894085501	0.6	0.5	95	N/A	Calibration Check
3314A.2.9	-0.1	-0.2	23	Good	White Wood Door Casing
3314A.2.10	0.2	-0.2	23	Good	White Wood Baseboard
Room 3 (Living/Dining Room)					
3314A.3.1	-0.4	-0.1	23	Good	White Wood Door
3314A.3.2	0.2	-0.1	23	Good	White Wood Window Sill
3314A.3.3	2.6	0.6	23	Good	White Wood Window Sash

3314A.3.4	0.3	-0.1	95	Good	White Wood Window Apron
3314A.3.5	0.4	-0.0	95	Good	White Wood Window Frame
3314A.3.6	0.3	-0.1	23	Good	White Plaster Ceiling
3314A.3.7	-0.4	-0.2	23	Good	White Plaster Wall
3314A.3.8	0.3	-0.1	23	Good	White Wood Baseboard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Field XRF Readings for Quarters 3314A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 4 (Bedroom)					
3314A.4.1	-0.8	-0.1	23	Good	Stained Wood Floor
3314A.4.2	0.2	-0.1	23	Good	White Wood Window Casing
3314A.4.3	0.6	-0.1	95	Good	White Wood Window Sill
3314A.4.4	1.8	0.5	23	Good	White Wood Window Sash
3314A.4.5	0.2	-0.1	23	Good	White Masonite Door
3314A.4.6	1.7	0.2	23	Good	White Wood Shelf Support
3314A.4.7	0.2	-0.1	23	Good	White Wood Shelf
Room 5 (Bedroom)					
3314A.5.1	-0.1	-0.1	23	Good	White Plaster Wall

3314A.5.2	0.2	-0.0	23	Good	White Plaster Ceiling
3314A.5.3	-0.1	-0.1	95	Good	White Wood Baseboard
3314A.5.4	0.0	-0.1	23	Good	White Wood Door
3314A.5.5	0.1	-0.1	23	Good	White Wood Door Casing

Room 6 (Hallway and Bathroom)

3314A.6.1	0.2	-0.1	23	Good	White Wood Window Casing
3314A.6.2	0.1	-0.0	23	Good	White Plaster Ceiling
3314A.6.2	0.2	-0.1	23	Good	Duplicate

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Field XRF Readings for Quarters 3314A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 6 (Hallway and Bathroom) (continued)

7094020894095001	0.4	0.5	95	N/A	Calibration Check
3314A.6.3	3.1	0.3	23	Good	White Wood Window Sash
3314A.6.4	0.0	-0.1	95	Good	White Wood Door Jamb

7094020894095701 0.4 0.5 95 N/A Calibration Check

EXTERIOR XRF READINGS

3314A.1	5.1	0.3	95	Good	White Metal Porch Support
3314A.2	2.4	0.1	23	Good	White Wood Door Casing
3314A.3	6.2	0.4	23	Good	White Wood Window Casing
3314A.4	1.9	0.2	23	Good	White Wood Window Sill
3314A.5	-0.4	-0.2	23	Good	White Metal Gutter
3314A.6	0.3	-0.0	23	Good	White Metal Kitchen Exhaust
3314A.7	3.7	-0.0	95	Good	Wood Beneath Vinyl Siding

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

CESAD-EN-FL

14 October 1994

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3314B

Type Building: Two Bedroom Duplex
Date Constructed: 1959

Type Construction: Brick and Wood

Survey Summary

1. Unit 3314B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3314B appears below.

**Field XRF Readings for Quarters 3314B
Ft. McClellan, Alabama**

Date Surveyed: 08 February 1994
Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020894095701	0.4	0.5	95	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Entry Hall)

3314B.1.1	-0.1	-0.1	23	Good	White Plaster Ceiling
3314B.1.2	-0.0	-0.1	23	Good	White Wood Door Casing
3314B.1.3	0.1	-0.1	95	Good	White Sheetrock Wa'
3314B.1.4	0.2	-0.1	95	Good	White Wood Basebo
3314B.1.5	1.1 ⁽¹⁾	0.3	95	Good	White Wood Shelf Support

(Inconclusive
Scrape Sample Taken)

3314B.1.6	-0.0	-0.1	23	Good	White Wood Shelf
3314B.1.7	0.1	-0.0	95	Good	White Wood Door Jamb

Room 2 (Kitchen)

3314B.2.1	0.1	-0.1	23	Good	White Sheetrock Ceiling
3314B.2.2	-0.3	-0.1	23	Good	White Wood Cabinet
3314B.2.3	0.1	-0.1	23	Good	White Wood Door
3314B.2.4	-0.1	-0.1	95	Good	White Wood Door Header
3314B.2.5	-0.2	-0.1	95	Good	White Wood Door Casing
3314B.2.6	2.6	0.8	23	Good	White Wood Window Sash
3314B.2.7	0.3	-0.1	95	Good	White Wood Sill
3314B.2.8	0.4	-0.1	95	Good	White Wood

Window Casing

(1) Lab analysis positive (Results = 1.29% Lead, Action Level \geq 0.5%).

Positive XRF Readings (if any) appear in Bold.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3314B (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3314B.3.1	0.7	-0.1	95	Good	White Wood Window Apron (Inconclusive - see sample 3314B.4.6)
3314B.3.2	2.7	0.9	23	Good	White Wood Window Sash
3314B.3.3	0.8	-0.1	95	Good	White Wood Window Casing (Inconclusive - see sample 3314B.4.5)
3314B.3.4	-0.1	-0.1	95	Good	White Wood Baseboard
3314B.3.5	0.1	-0.1	23	Good	White Sheetrock Wall
3314B.3.6	-0.1	-0.0	23	Good	White Plaster Ceiling
Room 4 (Bedroom)					
3314B.4.1	-0.1	-0.1	23	Good	White Sheetrock Wall
3314B.4.1	0.1	-0.1	23	Good	Duplicate
7094080294110202	0.3	0.5	95	N/A	Calibration Check
3314B.4.2	0.0	-0.1	23	Good	White Masonite Door

3314B.4.3	1.3	0.2	95	Good	White Wood Shelf Support
3314B.4.4	0.0	-0.1	23	Good	White Wood Shelf
3314B.4.5	0.2	-0.1	23	Good	White Wood Window Casing
3314B.4.6	0.6	-0.0	95	Good	White Wood Window Apron
3314B.4.7	0.1	-0.1	23	Good	White Wood Door
3314B.4.8	0.3	0.0	23	Good	White Wood Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3314B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 5 (Bedroom)					
3314B.5.1	-0.5	-0.0	23	Good	White Wood Baseboard
3314B.5.2	2.1	0.6	23	Good	White Wood Window Sash
3314B.5.3	1.1	0.1	95	Good	White Wood Shelf Support (Inconclusive - see sample 3314B.1.5)
3314B.5.4	-0.2	-0.1	23	Good	White Sheetrock Wall
3314B.5.5	-0.2	-0.1	23	Good	White Plaster Ceiling
3314B.5.6	-0.2	0.0	23	Good	White Wood Baseboard

Room 6 (Hall/Bathroom)

3314B.6.1	0.4	-0.1	95	Good	White Wood Window Sill
3314B.6.2	0.1	-0.1	23	Good	White Plaster Ceiling
3314B.6.3	-2.0	-0.2	23	Good	Stained Wood Parquet Floor

EXTERIOR XRF READINGS

3314B.1	2.3	0.4	23	Good	White Wood Door Casing
3314B.2	4.0	0.5	23	Good	White Wood Window Apron
3314B.3	2.9	0.2	95	Fair	White Metal Porch Support
3314B.4	4.4	0.3	23	Good	White Wood Window Frame
7094070294114602	0.4	0.5	95	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3316A

Type Building: Three Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3316A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.

2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. The wood attic scuttle casing also tested positive (see field XRF readings).

3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).

4. A photograph of Unit 3316A appears below.

**Field XRF Readings for Quarters 3316A
Ft. McClellan, Alabama**

Date Surveyed: 08 February 1994

Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094020894125501	0.2	0.5	95	N/A	Calibration Check
7094020894125501	0.3	0.5	95	N/A	Calibration Check
7094020894125501	0.4	0.5	95	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Entry Hall)

3316A.1.1	-0.0	-0.1	95	Good	White Plaster Ceiling
3316A.1.2	0.3	-0.1	23	Good	White Wood Door
3316A.1.3	0.3	-0.1	23	Good	White Wood Door Casing
3316A.1.4	1.9	0.5	95	Good	White Wood Shelf Support
3316A.1.5	-0.1	-0.0	23	Good	White Wood Shelf
3316A.1.6	-0.1	-0.1	23	Good	White Wood Baseboard
3316A.1.7	0.3	-0.1	23	Good	White Masonite Door
3316A.1.8	-0.1	-0.1	23	Good	White Sheetrock Wall
3316A.1.9	0.3	-0.1	23	Good	White Wood Door Jamb

Room 2 (Kitchen)

3316A.2.1	-0.2	-0.1	23	Good	White Wood Cabinet
3316A.2.2	0.6	-0.1	95	Good	White Wood Window Sill
3316A.2.3	2.6	0.3	23	Good	White Wood Window Sash
3316A.2.4	0.8	-0.1	95	Good	White Wood Window Casing (Inconclusive - see sample 3316A.4.2)

3316A.2.5 0.0 -0.1 23 Good White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3316A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Kitchen) (continued)					
3316A.2.6	0.5	-0.1	95	Good	White Wood Window Apron
3316A.2.7	-2.3	-0.3	23	Good	White Plaster Ceiling
3316A.2.8	-2.3	-0.3	23	Good	White Wood Door Header
Room 3 (Living/Dining Room)					
3316A.3.1	-0.3	-0.1	23	Good	White Sheetrock Wall
3316A.3.2	0.2	-0.1	23	Good	White Wood Baseboard
3316A.3.3	-2.3	-0.3	23	Good	White Wood Window Apron
3316A.3.4	0.2	-0.1	95	Good	White Wood Window Sill
3316A.3.5	2.2	0.0	23	Good	White Wood Window Sash
3316A.3.6	-1.7	-0.3	23	Good	Stained Wood Parquet Floor
3316A.3.7	0.1	-0.1	23	Good	White Plaster Ceiling
3316A.3.7	-0.1	-0.1	23	Good	Duplicate
7094020894135501	0.5	0.4	95	N/A	Calibration Check

Room 4 (Bedroom)

3316A.4.1	1.4	0.2	95	Good	White Wood Shelf Support
3316A.4.2	0.0	-0.1	95	Good	White Wood Window Casing
3316A.4.3	0.3	-0.0	95	Good	White Wood Window Apron

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3316A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 4 (Bedroom) (continued)

3316A.4.4	-0.0	-0.1	23	Good	White Masonite Door
3316A.4.5	-2.3	-0.3	23	Good	White Plaster Ceiling
3316A.4.6	-0.4	-0.1	23	Good	White Wood Door Casing

Room 5 (Bedroom)

3316A.5.1	0.3	-0.1	23	Good	White Sheetrock Wall
3316A.5.2	-1.9	-0.3	23	Good	Stained Wood Parquet Floor
3316A.5.3	0.1	-0.1	23	Good	White Wood Baseboard
3316A.5.4	0.2	-0.1	23	Good	White Wood Shelf
3316A.5.5	-0.1	-0.1	23	Good	White Wood Door Jamb

Room 6 (Bedroom)

3316A.6.1	2.3	0.3	23	Good	White Wood Window Sash
3316A.6.2	-0.0	-0.1	95	Good	White Wood Window Casing
3316A.6.3	-2.3	-0.3	23	Good	White Wood Window Apron
3316A.6.4	-2.3	-0.3	23	Good	White Plaster Ceiling
3316A.6.5	0.1	-0.2	23	Good	White Sheetrock Wall
3316A.6.6	0.1	-0.1	23	Good	White Wood Door

Room 7 (Hall/Bathroom)

3316A.7.1	-0.0	-0.1	23	Good	White Wood Door Jamb
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Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3316A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
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Room 7 (Hall/Bathroom) (continued)

3316A.7.2	0.4	0.0	95	Good	White Wood Window Sill
3316A.7.3	-1.6	-0.1	23	Good	Stained Wood Parquet Floor
3316A.7.3	-0.5	-0.2	23	Good	Duplicate
7094020894144001	0.4	0.5	95	N/A	Calibration Chec

3316A.7.4	0.0	-0.1	23	Good	White Wood Baseboard
3316A.7.5	7.0	-0.3	23	Good	White Wood Attic Schuttle Casing
3316A.7.6	-2.3	-0.3	23	Good	White Plaster Ceiling

EXTERIOR XRF READINGS

3316A.1	5.3	1.1	23	Good	White Wood Door Casing
3316A.2	8.9	-0.3	23	Good	White Wood Window Casing
3316A.3	4.1	0.4	95	Good	White Metal Porch Support
3316A.4	-2.3	-0.3	23	Good	White Wood Window Casing
7094020894145501	0.6	0.6	95	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3316B

Type Building: Three Bedroom Duplex
Date Constructed: 1959

Type Construction: Brick and Wood

Survey Summary

1. Unit 3316B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. The wood attic scuttle casing also tested positive (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, fence, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3316B appears below.

**Field XRF Readings for Quarters 3316B
Ft. McClellan, Alabama**

Date Surveyed: 08 February 1994

Surveyors: JS,BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094080294154502	1.2	1.3	81	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Entry Hall)

3316B.1.1	0.2	-0.1	20	Good	White Plaster Ceiling
3316B.1.2	0.3	0.0	20	Good	White Wood Baseboard
3316B.1.3	-0.8	-0.1	20	Good	White Sheetrock Wall
3316B.1.4	-0.1	-0.1	20	Good	White Wood Door Casing
3316B.1.5	2.2	0.4	20	Good	White Wood Shelf Support
3316B.1.6	0.1	-0.1	20	Good	White Wood Shelf
3316B.1.7	0.2	-0.1	81	Good	White Masonite Door
3316B.1.8	-0.2	-0.0	81	Good	White Wood Door Jamb

Room 2 (Kitchen)

3316B.2.1	-0.2	-0.1	20	Good	White Wood Cabinet
3316B.2.2	0.6	-0.0	81	Good	White Wood Window Sill
3316B.2.3	2.6	0.3	20	Good	White Wood Window Sash
3316B.2.4	0.5	-0.0	81	Good	White Wood Window Apron
3316B.2.5	0.5	-0.0	81	Good	White Wood Window Casing
3316B.2.6	0.2	-0.1	20	Good	White Plaster Ceiling
3316B.2.7	0.2	-0.0	20	Good	White Wood Door Header

Positive XRF Readings (if any) appear in Bold.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3316B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3316B.3.1	-0.1	-0.1	20	Good	White Sheetrock Wall
3316B.3.2	-0.2	0.0	81	Good	White Wood Baseboard
3316B.3.3	0.5	-0.0	81	Good	White Wood Window Casing
3316B.3.4	-1.1	-0.1	20	Good	Stained Wood Floor
3316B.3.5	-0.0	-0.1	20	Good	White Plaster Ceiling
3316B.3.5	0.1	-0.1	20	Good	Duplicate
7094080294163002	1.1	1.2	81	N/A	Calibration Check
Room 4 (Bedroom)					
3316B.4.1	-0.1	-0.0	20	Good	White Sheetrock Wall
3316B.4.2	1.9	0.5	20	Good	White Wood Shelf Support
3316B.4.3	0.1	0.0	20	Good	White Wood Shelf
3316B.4.4	0.3	-0.1	20	Good	White Masonite Door
3316B.4.5	2.9	0.8	20	Good	White Wood Window Sash
3316B.4.6	0.3	-0.0	81	Good	White Wood Window Sill
3316B.4.7	0.2	-0.0	20	Good	White Wood Door
3316B.4.8	0.4	0.0	81	Good	White Wood Door Jamb
Room 5 (Bedroom)					

3316B.5.1	0.1	-0.1	20	Good	White Plaster Ceiling
3316B.5.2	-0.1	-0.0	20	Good	White Wood Baseboard
3316B.5.3	-0.4	-0.1	20	Good	White Sheetrock Wall
3316B.5.4	0.8	-0.0	81	Good	White Wood Window Apron (Inconclusive- See Sample 3316B.2.4)

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Field XRF Readings for Quarters 3316B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 5 (continued)					
3316B.5.5	0.2	-0.1	81	Good	White Wood Window Casing
3316B.5.6	-0.5	-0.1	81	Good	White Wood Door Casing
Room 6 (Bedroom and ½ Bathroom)					
3316B.6.1	0.6	-0.0	81	Good	White Wood Window Apron
3316B.6.2	-0.1	-0.1	20	Good	White Plaster Ceiling
3316B.6.3	0.4	-0.0	81	Good	White Wood Door
3316B.6.4	-0.6	-0.1	20	Good	Stained Wood Floor
3316B.6.4	-1.0	-0.2	20	Good	Duplicate
7094080294171602	1.1	1.3	81	N/A	Calibration Check

Room 7 (Hallway and Bathroom)

3316B.7.1	-0.2	-0.1	20	Poor	White Metal Heat Vent
3316B.7.2	1.6	0.1	81	Good	White Wood Attic Scuttle
3316B.7.3	-0.1	-0.0	81	Good	White Wood Door Jamb

EXTERIOR XRF READINGS

3316B.1	9.3	1.7	20	Good	White Wood Door Casing
3316B.2	4.2	0.4	20	Good	White Wood Window Sill

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3316B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

EXTERIOR XRF READINGS (continued)

3316B.3	6.9	0.6	81	Good	White Metal Porch Support
3316B.4	3.3	0.4	20	Good	White Wood Fence
3316B.5	4.8	0.8	20	Good	White Wood Window Casing

Type Building: Three Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3325A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. The wood attic scuttle also tested positive (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3325A appears below.

**Field XRF Readings for Quarters 3325A
Ft. McClellan, Alabama**

Date Surveyed: 10 February 1994

Surveyors: JS, BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094100294100002	1.1	1.3	83	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3325A.1.1	-0.2	-0.1	20	Good	White Plaster Wall
3325A.1.2	-0.3	-0.1	20	Good	White Wood Door
3325A.1.3	3.2	0.7	20	Good	White Wood Shelf Support
3325A.1.4	0.1	-0.1	20	Good	White Wood Shelf
3325A.1.5	-0.1	-0.1	20	Good	White Wood Door Casing
3325A.1.6	0.0	-0.0	20	Good	White Wood Baseboard
3325A.1.7	-0.3	-0.1	20	Good	Stained Wood Floor
3325A.1.8	0.2	-0.1	83	Good	White Masonite Door
3325A.1.9	0.3	-0.1	20	Good	White Plaster Ceiling
3325A.1.10	-0.2	-0.1	20	Good	White Wood Door Jamb

Room 2 (Kitchen)

3325A.2.1	0.3	-0.1	20	Good	White Wood Cabinet
3325A.2.2	0.3	-0.1	20	Good	White Plaster Ceiling
3325A.2.3	0.1	-0.1	83	Good	White Wood Window Sill
3325A.2.4	-0.0	-0.1	83	Good	White Wood Window Casing

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Field XRF Readings for Quarters 3325A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 2 (continued)					
3325A.2.5	0.2	-0.1	20	Good	White Wood Window Apron
3325A.2.6	2.5	0.4	20	Good	White Wood Window Sash
3325A.2.7	-0.2	-0.1	20	Good	White Wood Baseboard
3325A.2.8	-0.1	-0.1	20	Good	White Wood Door Casing
Room 3 (Dining/Living Room)					
3325A.3.1	-0.0	-0.1	83	Good	White Plaster Wall
3325A.3.2	0.4	-0.1	83	Good	White Wood Window Casing
3325A.3.3	-0.0	-0.1	20	Good	White Plaster Ceiling
3325A.3.4	0.8	-0.0	83	Good	White Wood Window Apron (Inconclusive- See Sample 3325A.2.5)
3325A.3.5	-1.5	-0.1	20	Good	Stained Wood Floor
3325A.3.5	-0.7	-0.1	20	Good	Duplicate
7094021094104701	1.0	1.3	83	Good	Calibration Check
Room 4 (Bedroom)					
3325A.4.1	0.3	-0.1	20	Good	White Masonite Door

3325A.4.2	3.5	0.3	20	Fair	White Wood Shelf Support
3325A.4.3	0.4	-0.0	83	Good	White Wood Window Sill
3325A.4.4	0.6	-0.1	83	Good	White Wood Window Apron

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

Field XRF Readings for Quarters 3325A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 4 (continued)

3325A.4.5	0.0	-0.1	20	Good	White Wood Door Casing
3325A.4.6	0.1	-0.1	20	Good	White Wood Door
3325A.4.7	-0.2	-0.0	20	Good	White Wood Door Jamb

Room 5 (Bedroom)

3325A.5.1	-0.2	-0.1	20	Good	White Wood Shelf
3325A.5.2	2.9	0.4	20	Good	White Wood Window Sash
3325A.5.3	1.0	-0.1	83	Good	White Wood Window Casing (Inconclusive- See Sample 3325A.2)
3325A.5.4	-0.2	-0.1	20	Good	White Plaster Wal

3325A.5.5	0.2	-0.1	20	Good	White Wood Ceiling
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Room 6 (Bedroom and 1/2 Bathroom)

3325A.6.1	0.9 ⁽¹⁾	-0.1	83	Good	White Wood Window Casing (Inconclusive-Scrape Sample Taken)
3325A.6.2	0.1	-0.1	20	Good	White Plaster Ceiling
3325A.6.3	0.3	-0.1	20	Good	White Wood Baseboard
3325A.6.4	-0.2	-0.1	20	Good	White Wood Door Casing

(1) Lab Analysis: negative (Results = 0.16% Lead, Action Level ≥ 0.5%)

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3325A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 7 (Hallway and Bathroom)

3325A.7.1	0.1	-0.1	20	Good	White Plaster Wall
3325A.7.2	2.1	0.1	83	Good	White Wood Attic Scuttle

EXTERIOR XRF READINGS

3325A.1	5.5	0.8	20	Poor	White Wood Door Casing
3325A.2	2.1	0.1	20	Fair	White Wood Window Apron
3325A.3	5.7	0.6	20	Fair	White Wood Window Casing
3325A.4	0.1	-0.0	20	Poor	White Wood Fence
3325A.5	7.0	0.6	20	Good	White Metal Porch Support
3325A.6	3.6	0.4	20	Good	White Wood Window Sill
7094021094114001	1.3	1.3	83	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

Fort McClellan LBP Survey Summary
Avery Family Housing Group

Unit 3327B

Type Building: Two Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3327B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelves, wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, fence, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3327B appears below.

**Field XRF Readings for Quarters 3327B
Ft. McClellan, Alabama**

Date Surveyed: 10 February 1994
Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021094124501	1.1	1.3	83	N/A	Calibration Check
7094021094124501	1.4	1.4	83	N/A	Calibration Check
7094021094124501	1.3	1.3	83	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3327B.1.1	0.0	-0.1	20	Good	White Plaster Ceiling
3327B.1.2	0.2	-0.2	20	Good	White Wood Door Casing
3327B.1.3	0.5	-0.1	83	Good	White Wood Shelf Support
3327B.1.4	3.3	1.1	20	Good	White Wood Shelf
3327B.1.5	0.2	-0.0	20	Good	White Wood Door
3327B.1.6	0.1	0.0	20	Good	White Wood Door Jamb
3327B.1.7	0.3	-0.1	20	Good	White Sheetrock Wall
3327B.1.8	-0.3	-0.1	20	Good	Stained Wood Floor

Room 2 (Kitchen)

3327B.2.1	-0.5	-0.1	20	Good	White Sheetrock Ceiling
3327B.2.2	-0.6	-0.1	20	Good	White Wood Cabinet
3327B.2.3	0.4	-0.0	83	Good	White Wood Window Sill
3327B.2.4	0.9	-0.0	83	Good	White Wood Window Apron (Inconclusive- See Sample 3327B.3.2)

Positive XRF Readings (if any) appear in Bold.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3327B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (continued)					
3327B.2.5	-0.1	-0.1	83	Good	White Wood Window Casing
3327B.2.6	1.8	0.5	20	Good	White Wood Window Sash
3327B.2.7	-0.5	-0.1	20	Good	White Wood Door Header
Room 3 (Living/Dining Room)					
3327B.3.1	-0.3	-0.1	20	Good	White Sheetrock Wall
3327B.3.1	0.1	-0.1	20	Good	Duplicate
7094100294142002	1.1	1.2	83	Good	Calibration Check
3327B.3.2	0.4	-0.0	83	Good	White Wood Window Apron
3327B.3.3	0.2	-0.1	20	Good	White Wood Door
3327B.3.4	-0.2	-0.1	20	Good	White Wood Baseboard
3327B.3.5	-0.6	-0.1	20	Good	Stained Wood Floor
3327B.3.6	0.2	-0.1	20	Good	White Plaster Ceiling
3327B.3.7	0.8	-0.0	83	Good	White Wood Window Casing (Inconclusive- See Sample 3327B.2.5)

Room 4 (Bedroom)

3327B.4.1	0.4	-0.0	83	Good	White Wood Window Casing
3327B.4.2	1.8	0.7	20	Good	White Wood Window Sash

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3327B (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====
Room 4 (continued)					
3327B.4.3	-0.3	-0.1	20	Good	White Wood Baseboard
3327B.4.4	0.1	-0.1	20	Good	White Masonite Door
3327B.4.5	0.2	-0.0	20	Good	White Wood Shelf Support
3327B.4.6	1.7	0.8	83	Good	White Wood Shelf
3327B.4.7	0.3	-0.0	20	Good	White Wood Door Jamb
Room 5 (Bedroom)					
3327B.5.1	-0.0	-0.1	20	Good	White Sheetrock Wall
3327B.5.2	0.7	-0.0	83	Good	White Wood Window Sill (Inconclusive- See Sample 3327B.2.3)
3327B.5.3	0.5	-0.0	83	Good	White Wood Window Apron

3327B.5.4	0.0	-0.1	20	Good	White Wood Door
3327B.5.5	-0.5	-0.1	20	Good	White Wood Door Casing

Room 6 (Hallway and Bathroom)

3327B.6.1	0.2	-0.1	20	Good	White Sheetrock Ceiling
3327B.6.2	-0.2	-0.1	20	Good	White Wood Baseboard
7094100294150202	1.0	1.3	83	Good	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3327B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

EXTERIOR XRF READINGS

3327B.1	4.1	0.3	20	Good	White Wood Door Casing
3327B.2	2.3	0.2	20	Poor	White Wood Window Apron
3327B.3	7.8	1.1	20	Good	White Metal Porch Support
3327B.4	5.5	0.7	20	Good	White Wood Window

						Casing
3327B.5	1.0	0.1	83	Good		White Wood Window Sill (Inconclusive)
3327B.6	3.4	0.5	20	Good		White Wood Fence

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3328B

Type Building: Three Bedroom Duplex
Date Constructed: 1960

Type Construction: Brick and Wood

Survey Summary

1. Unit 3328B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelves, wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint. The wood attic scuttle also tested positive (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).
4. A photograph of Unit 3328B appears below.

**Field XRF Readings for Quarters 3328B
Ft. McClellan, Alabama**

Date Surveyed: 10 February 1994

Surveyors: JS, BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094100294150202	1.0	1.3	83	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3328B.1.1	0.3	-0.1	20	Good	White Masonite Door
3328B.1.2	0.0	-0.1	83	Good	White Wood Door Casing
3328B.1.3	0.0	-0.1	20	Good	White Plaster Ceiling
3328B.1.4	-0.0	-0.1	20	Good	White Wood Baseboard
3328B.1.5	1.9	0.7	20	Good	White Wood Shelf Support
3328B.1.6	2.2	0.6	20	Good	White Wood Shelf
3328B.1.7	0.2	-0.1	20	Good	White Plaster Wall

Room 2 (Kitchen)

3328B.2.1	-0.4	-0.1	20	Good	White Wood Cabinet
3328B.2.2	0.3	-0.1	20	Good	White Wood Door Jamb
3328B.2.3	0.3	-0.1	83	Good	White Wood Window Sill
3328B.2.4	1.9	0.3	20	Good	White Wood Window Sash
3328B.2.5	0.3	-0.0	83	Good	White Wood Window Apron
3328B.2.6	0.1	-0.1	83	Good	White Wood Window Casing
3328B.2.7	-0.5	-0.1	20	Good	White Plaster Ceiling

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3328B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3328B.3.1	0.3	-0.1	20	Good	White Wood Baseboard
3328B.3.2	-0.5	-0.1	20	Good	Stained Wood Floor
3328B.3.3	0.3	-0.1	20	Good	White Plaster Ceiling
3328B.3.4	-0.2	-0.1	20	Good	White Plaster Wall
Room 4 (Bedroom)					
3328B.4.1	0.3	-0.1	83	Good	White Wood Window Casing
3328B.4.2	0.4	-0.0	83	Good	White Wood Window Apron
3328B.4.3	1.7	0.4	20	Good	White Wood Shelf Support
3328B.4.4	0.0	-0.1	20	Good	White Wood Door Casing
3328B.4.4	-0.1	-0.1	20	Good	Duplicate
7094021094154501	1.0	1.2	83	Good	Calibration Check
3328B.4.5	0.2	-0.1	20	Good	White Wood Door
3328B.4.6	-0.3	-0.1	20	Good	White Wood Door Jamb

Room 5 (Bedroom)

3328B.5.1	-0.1	-0.0	20	Good	White Wood Shelf Support
3328B.5.2	0.3	-0.0	20	Good	White Masonite Door
3328B.5.3	3.7	0.7	20	Good	White Wood Window Sash
3328B.5.4	0.6	-0.1	83	Good	White Wood Window Sill

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3328B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 5 (continued)					
3328B.5.5	0.3	-0.1	20	Good	White Plaster Ceiling
3328B.5.6	0.1	-0.0	20	Good	White Plaster Wall
3328B.5.7	-0.3	-0.1	20	Good	White Wood Baseboard
Room 6 (Bedroom and 1/2 Bathroom)					
3328B.6.1	-0.0	-0.1	20	Good	White Plaster Ceiling
3328B.6.2	0.2	-0.1	83	Good	White Wood Window Casing
3328B.6.3	0.2	-0.0	20	Good	White Wood Window Apron
3328B.6.4	2.7	0.7	20	Good	White Wood Shelf
3328B.6.5	0.2	-0.1	20	Good	White Wood Door
Room 7 (Hallway and Bathroom)					

3328B.7.1	-0.1	-0.1	20	Good	White Wood Baseboard
3328B.7.2	0.0	-0.1	20	Good	White Plaster Wall
3328B.7.3	1.7	0.1	20	Good	White Wood Attic Scuttle
3328B.7.4	-1.2	-0.1	20	Good	Stained Wood Floor

EXTERIOR XRF READINGS

3328B.1	7.1	1.1	20	Good	White Wood Door Casing
3328B.2	6.3	0.5	20	Good	White Wood Window Casing
3328B.3	2.7	0.2	20	Good	White Wood Window Apron
3328B.4	5.9	0.7	20	Good	White Metal Porch Support
3328B.5	-0.4	0.1	20	Good	White Wood Fence
7094021094162501	1.0	1.3	83	N/A	Calibration Check
	1.63	1.2	83	N/A	NIST Standard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3330A

Type Building: Two Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3330A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelves, wood shelf supports and wood window sashes on the

interior of this unit tested positive by XRF for lead-based paint.
(see field XRF readings).

3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).

4. A photograph of Unit 3330A appears below.

**Field XRF Readings for Quarters 3330A
Ft. McClellan, Alabama**

Date Surveyed: 11 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021194072001	0.6	0.6	98	N/A	Calibration Check
7094021194072001	0.3	0.6	98	N/A	Calibration Check
7094021194072001	0.5	0.6	98	N/A	Calibration Check
7094021194072001	0.6	0.6	98	N/A	Calibration Check
7094021194072001	0.8	0.6	98	N/A	Calibration Check
0000	-0.1	-0.1	98	N/A	Blank
1.02	0.9	1.1	98	N/A	NIST Standard

INTERIOR XRF READINGS

Room 1 (Foyer)

3330A.1.1	-0.0	-0.1	24	Good	White Plaster Ceiling
3330A.1.2	0.0	-0.1	24	Good	White Wood Door Casing
3330A.1.3	-1.5	-0.2	24	Good	Stained Wood Floor
3330A.1.4	0.0	-0.1	24	Good	White Wood Door
3330A.1.5	-0.1	-0.1	24	Good	White Sheetrock Wall
3330A.1.6	2.1	0.6	24	Good	White Wood Shelf Support
3330A.1.7	-0.0	-0.1	24	Good	White Wood Shelf
3330A.1.8	-0.0	-0.0	24	Good	White Wood Door Jamb
3330A.1.9	-0.1	-0.1	24	Good	White Wood Baseboard

Room 2 (Kitchen)

3330A.2.1	-0.4	-0.2	24	Good	White Sheetrock Ceiling
3330A.2.2	0.3	-0.1	24	Good	White Wood Cabinet
3330A.2.3	0.4	-0.1	98	Good	White Wood Window Casing
3330A.2.4	0.1	-0.3	98	Good	White Wood Window

Sill

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3330A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 2 (continued)					
3330A.2.5	0.5	-0.1	98	Good	White Wood Window Apron
3330A.2.6	3.8	1.2	24	Good	White Wood Window Sash
3330A.2.7	-0.2	-0.1	24	Good	White Wood Door Header
Room 3 (Living/Dining Room)					
3330A.3.1	-0.1	-0.1	24	Good	White Sheetrock Wall
3330A.3.2	0.7	-0.1	98	Good	White Wood Window Casing (Inconclusive- See Sample 3330A.2.3)
3330A.3.3	0.2	-0.1	98	Good	White Wood Window Sill
3330A.3.4	-0.6	-0.2	24	Good	Stained Wood Floor
3330A.3.4	-0.6	-0.2	24	Good	Duplicate
7094110294084902	0.3	0.5	98	N/A	Calibration Check
3330A.3.5	0.1	-0.1	24	Good	White Plaster Ceiling
3330A.3.6	0.2	-0.1	24	Good	White Wood Baseboard
Room 4 (Bedroom)					

3330A.4.1	-0.1	-0.1	24	Good	White Wood Shelf Support
3330A.4.2	2.0	0.7	24	Good	White Wood Shelf
3330A.4.3	0.6	-0.1	98	Good	White Wood Window Casing
3330A.4.4	1.9	0.5	24	Good	White Wood Window Sash
3330A.4.5	-0.1	-0.1	24	Good	White Masonite Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3330A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 4 (continued)

3330A.4.6	0.2	-0.1	24	Good	White Wood Door
3330A.4.7	-0.0	-0.1	24	Good	White Wood Door Casing
3330A.4.8	0.2	-0.1	24	Good	White Wood Door Jamb

Room 5 (Bedroom)

3330A.5.1	0.4	-0.1	98	Good	White Wood Window Casing
3330A.5.2	0.3	-0.1	98	Good	White Wood Window Apron
3330A.5.3	-0.2	-0.1	24	Good	White Sheetrock Wall
3330A.5.4	0.3	-0.0	24	Good	White Plaster Ceiling
3330A.5.5	0.0	-0.1	24	Good	White Masonite Door
3330A.5.6	2.9	0.9	24	Good	White Wood Shelf

Room 6 (Hallway and Bathroom)

3330A.6.1	-0.3	-0.1	24	Good	White Sheetrock Ceiling
3330A.6.2	-0.5	-0.1	24	Good	White Wood Baseboard

EXTERIOR XRF READINGS

3330A.1	3.7	0.8	24	Good	White Wood Door Casing
3330A.2	4.6	0.9	24	Good	White Wood Door Casing
3330A.3	2.7	0.3	24	Good	White Porch Column
3330A.4	2.0	0.4	24	Good	White Wood Door Casing
3330A.5	5.3	0.6	24	Good	White Wood Window Sill
7094021194093002	0.3	0.6	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3331A

Type Building: Two Bedroom Duplex
Date Constructed: 1959
Type Construction: Brick and Wood

Survey Summary

1. Unit 3331A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. Wood shelves, wood shelf supports and wood window sashes on the interior of this unit tested positive by XRF for lead-based paint.

(see field XRF readings).

3. Based on the survey results, it is reasonable to assume that all wood components (e.g., door casings, door jambs, window components, fence, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal pole supporting the back porch roof also tested positive (see floorplan).

4. A photograph of Unit 3331A appears below.

**Field XRF Readings for Quarters 3331A
Ft. McClellan, Alabama**

Date Surveyed: 11 February 1994

Surveyors: JS, BS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021194093002	0.3	0.5	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3331A.1.1	-0.3	-0.2	24	Good	White Wood Baseboard
3331A.1.2	-0.1	-0.1	24	Good	White Wood Door Casing
3331A.1.3	2.5	0.8	24	Good	White Wood Shelf Support
3331A.1.4	1.8	0.8	98	Good	White Wood Shelf
3331A.1.5	0.2	0.0	24	Good	White Plaster Ceiling
3331A.1.6	0.2	-0.1	24	Good	White Plaster Wall
3331A.1.7	0.3	-0.1	24	Good	White Wood Door
3331A.1.8	0.0	-0.0	24	Good	White Wood Door Jamb

Room 2 (Kitchen)

3331A.2.1	0.7 ⁽¹⁾	-0.0	98	Good	White Wood Window Apron (Inconclusive- Scrape Sample Taken)
3331A.2.2	0.6	-0.1	98	Good	White Wood Window Casing
3331A.2.3	2.7	0.5	24	Good	White Wood Window Sash
3331A.2.4	0.4	-0.1	98	Good	White Wood Window Sill
3331A.2.5	0.0	-0.1	24	Good	White Plaster Ceiling
3331A.2.6	-0.4	-0.1	24	Good	White Wood Cabinet

(1) Lab Analysis: negative (Results = 0.22% Lead, Action Level \geq 0.5%)

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3331A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3331A.3.1	-0.4	-0.2	24	Good	Stained Wood Floor
3331A.3.2	0.7	-0.0	98	Good	White Wood Window Mullion (Inconclusive)
3331A.3.3	0.8	-0.1	98	Good	White Wood Window Apron (Inconclusive- See Scrape Sample Results 3331A.2.1)
3331A.3.4	0.0	-0.1	24	Good	White Plaster Wall
3331A.3.5	-0.1	-0.1	24	Good	White Wood Baseboard
Room 4 (Bedroom)					
3331A.4.1	1.1	-0.0	98	Good	White Wood Window Casing (Inconclusive- See Scrape Sample Results 3331A.2.2)
3331A.4.2	2.1	0.4	24	Good	White Wood Window Sash
3331A.4.2	2.0	0.3	24	Good	Duplicate
7094021194102301	0.5	0.6	98	N/A	Calibration Check
3331A.4.3	0.3	-0.1	24	Good	White Masonite Door

3331A.4.4	0.2	0.1	24	Good	White Wood Shelf Support
3331A.4.5	3.1	1.9	24	Good	White Wood Shelf
3331A.4.6	0.1	-0.1	24	Good	White Wood Door Casing
3331A.4.7	-0.1	-0.1	24	Good	White Wood Door Jamb
3331A.4.8	0.0	-0.1	24	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3331A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====
Room 5 (Bedroom)					
3331A.5.1	1.0	-0.0	98	Good	White Wood Window Apron (Inconclusive- See Scrape Sample Results 3331A.2.1)
3331A.5.2	0.3	-0.0	24	Good	White Plaster Wall
3331A.5.3	0.1	0.0	98	Good	White Plaster Ceiling
3331A.5.4	0.1	-0.1	24	Good	White Masonite Door
3331A.5.5	0.4	0.2	98	Good	White Wood Shelf Support
Room 6 (Hallway and Bathroom)					
3331A.6.1	0.2	-0.1	24	Good	White Plaster Ceil

3331A.6.2	0.2	-0.1	24	Good	White Wood Baseboard
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EXTERIOR XRF READINGS

3331A.1	1.0	-0.1	98	Good	White Wood Door Casing(Inconclusive)
3331A.2	3.4	0.2	24	Good	White Metal Porch Support
3331A.3	5.0	0.7	24	Fair	White Wood Door Casing
3331A.4	2.7	0.4	24	Poor	White Wood Fence
3331A.5	2.9	0.6	24	Good	White Wood Door Casing
3331A.6	3.4	0.7	24	Fair	White Wood Window Apron
7094021194110601	0.3	0.5	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3334A

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3334A is typical of Units 3310 - 3343 (referred to as the

Avery Family Housing Group) located on Avery Drive.

2. Wood shelves and shelf supports on the interior of this unit tested positive by XRF for lead-based paint (see field XRF readings).

3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).

4. A photograph of Unit 3334A appears below.

**Field XRF Readings for Quarters 3334A
Ft. McClellan, Alabama**

Date Surveyed: 11 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021194124802	0.3	0.6	98	N/A	Calibration Check
7094021194124802	0.5	0.6	98	N/A	Calibration Check
7094021194124802	0.4	0.6	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3334A.1.1	0.1	-0.1	24	Good	White Plaster Ceiling
3334A.1.2	-0.0	-0.1	24	Good	White Wood Door Casing
3334A.1.3	-0.1	-0.1	98	Good	White Sheetrock Wall
3334A.1.4	0.2	-0.1	24	Good	White Masonite Door
3334A.1.5	-0.8	-0.1	24	Good	White Wood Baseboard
3334A.1.6	-0.4	-0.2	24	Good	Stained Wood Floor
3334A.1.7	1.3	0.2	98	Good	White Wood Shelf
3334A.1.8	0.7	-0.1	98	Good	White Metal Door Jamb (Inconclusive- See Sample 3334A.5.4)

Room 2 (Kitchen)

3334A.2.1	-0.4	-0.1	24	Good	White Wood Window Casing
3334A.2.2	0.1	-0.1	24	Good	White Wood Window Sash
3334A.2.3	0.1	-0.1	24	Good	White Wood Window Sill

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3334A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (continued)					
3334A.2.4	0.3	-0.1	24	Good	White Wood Window Apron
3334A.2.5	0.1	-0.1	24	Good	White Wood Cabinet
3334A.2.6	0.1	-0.1	24	Good	White Sheetrock Ceiling
3334A.2.7	0.6	-0.1	98	Good	White Metal Door Casing
3334A.2.8	0.6	-0.1	98	Good	White Metal Door Jamb
Room 3 (Living/Dining Room)					
3334A.3.1	-0.2	-0.3	24	Good	White Concrete Block Wall
3334A.3.2	0.2	0.1	98	Good	White Metal Door
3334A.3.3	-0.0	-0.1	24	Good	White Sheetrock Wall
3334A.3.4	1.3 ⁽¹⁾	-0.0	98	Good	White Wood Curtain Molding
3334A.3.5	-0.5	-0.2	24	Good	White Wood Baseboard
3334A.3.6	0.3	-0.1	24	Good	White Plaster Ceiling
Room 4 (Bedroom)					
3334A.4.1	0.0	-0.1	24	Good	White Wood Window Sill

3334A.4.1	0.2	-0.0	24	Good	Duplicate
7094110294140802	0.3	0.5	98	N/A	Calibration Check
3334A.4.2	1.8	0.1	24	Good	White Wood Shelf Support
3334A.4.3	1.8	0.3	24	Good	White Wood Shelf

(1) Lab Analysis: negative (Results = 0.19% Lead, Action Level \geq 0.5%)

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3334A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 4 (continued)					
3334A.4.4	0.0	-0.1	98	Good	White Sheetrock Wall
3334A.4.5	0.2	-0.1	24	Good	White Wood Baseboard
3334A.4.6	0.0	-0.1	24	Good	White Masonite Door
3334A.4.7	0.2	-0.1	24	Good	White Wood Door
3334A.4.8	0.5	-0.1	98	Good	White Metal Door Casing
3334A.4.9	0.7	-0.1	98	Good	White Metal Door Jamb (Inconclusive- See Sample 3334A.5.4)
Room 5 (Bedroom and 1/2 Bathroom)					
3334A.5.1	0.1	-0.1	24	Good	White Wood Window Sash

3334A.5.2	-0.0	-0.1	98	Good	White Sheetrock Wall
3334A.5.3	0.2	-0.1	24	Good	White Sheetrock Ceiling
3334A.5.4	0.6	-0.1	98	Good	White Metal Door Jamb
3334A.5.5	0.2	-0.1	24	Good	White Wood Window Apron
3334A.5.6	0.0	-0.1	24	Good	White Masonite Door

Room 6 (Bedroom)

3334A.6.1	-0.5	-0.1	24	Good	White Wood Window Casing
3334A.6.2	2.0	0.4	98	Good	White Wood Shelf
3334A.6.3	-0.1	-0.1	24	Good	White Wood Baseboard
3334A.6.4	-0.1	-0.1	98	Good	White Sheetrock Wall
3334A.6.5	0.2	-0.1	24	Good	White Plaster Ceiling
3334A.6.6	0.6	-0.1	98	Good	White Metal Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3334A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 7 (Hallway and Bathroom)					
3334A.7.1	0.1	-0.1	24	Good	White Wood Baseboard
3334A.7.1	-0.6	-0.1	24	Good	Duplicate
7094110294150402	0.4	0.6	98	Good	Calibration Check

3334A.7.2	-0.7	-0.1	24	Good	White Sheetrock Ceiling
3334A.7.3	-0.5	-0.1	24	Good	White Wood Attic Scuttle
3334A.7.4	0.8	-0.1	98	Good	White Wood Curtain Molding (Inconclusive- See Scrape Results 3334A.3.4)

EXTERIOR XRF READINGS

3334A.1	6.8	0.5	24	Good	White Wood Porch Ceiling
3334A.2	8.3	0.6	24	Good	White Metal Porch Column
3334A.3	9.5	0.6	24	Good	White Wood Porch Rail
3334A.4	-0.1	-0.0	24	Good	White Wood Window Apron
3334A.5	0.2	0.0	24	Good	White Wood Window Casing
3334A.6	14.4	1.5	24	Good	White Wood Fence
7094021194153501	0.4	0.5	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3336A

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3336A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. On the interior of this unit positive XRF readings were obtained on wood shelves, baseboard and curtain molding (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).
4. A photograph of Unit 3336A appears below.

**Field XRF Readings for Quarters 3336A
Ft. McClellan, Alabama**

Date Surveyed: 10 February 1994

Surveyors: BS, KB, LM, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021194153501	0.4	0.5	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3336A.1.1	0.5	-0.1	98	Good	White Metal Door Jamb
3336A.1.2	0.4	-0.1	98	Good	White Metal Door Casing
3336A.1.3	0.0	-0.1	24	Good	White Wood Door Casing
3336A.1.4	1.7	0.4	98	Good	White Wood Shelf
3336A.1.5	-0.0	-0.1	24	Good	White Masonite Door
3336A.1.6	0.1	-0.1	24	Good	White Plaster Wall
3336A.1.7	0.0	-0.1	24	Good	White Wood Baseboard
3336A.1.8	-0.2	-0.1	24	Good	Stained Wood Floor
3336A.1.9	0.2	-0.1	24	Good	White Wood Door

Room 2 (Kitchen)

3336A.2.1	0.0	-0.1	24	Good	White Wood Cabinet
3336A.2.2	0.3	-0.1	24	Good	White Plaster Ceiling
3336A.2.3	0.3	-0.1	24	Good	White Wood Window Casing
3336A.2.4	0.1	-0.1	24	Good	White Wood Window Sash
3336A.2.5	0.2	-0.1	24	Good	White Wood Window Sill

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Field XRF Readings for Quarters 3336A (continued)
Ft. McClellan, Alabama

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (continued)					
3336A.2.6	0.1	-0.1	24	Good	White Wood Window Apron
3336A.2.7	0.7	-0.1	98	Good	White Metal Door Casing (Inconclusi See Sample 3336A.5.3)
3336A.2.8	1.9	0.3	98	Good	White Wood Baseboard
3336A.2.9	0.6	-0.1	98	Good	White Metal Door Jamb
Room 3 (Living/Dining Room)					
3336A.3.1	1.4	0.1	98	Good	White Wood Curtain Molding
3336A.3.2	0.3	0.1	98	Good	White Metal Door
3336A.3.3	0.5	-0.1	98	Good	White Metal Door Casing
3336A.3.4	0.2	-0.1	24	Good	White Plaster Ceiling
3336A.3.5	-0.2	-0.2	24	Good	White Concrete Block Wall
3336A.3.6	0.1	-0.1	24	Good	White Wood Window Casing
3336A.3.6	-0.2	-0.2	24	Good	Duplicate
7094021194163701	0.3	0.6	98	Good	Calibration Check

3336A.3.7	0.2	-0.1	24	Good	White Wood Window Apron
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Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3336A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 4 (Bedroom)					
3336A.4.1	0.1	-0.1	20	Good	White Plaster Wall
3336A.4.2	-0.1	-0.1	20	Good	White Wood Window Apron
3336A.4.3	-0.1	-0.1	20	Good	White Wood Window Casing
3336A.4.4	0.1	-0.1	20	Good	White Wood Window Sash
3336A.4.5	1.6	0.6	210	Good	White Wood Shelf
3336A.4.6	0.0	-0.1	20	Good	White Masonite Closet Door
3336A.4.7	-0.1	-0.1	20	Good	White Wood Baseboard
3336A.4.8	-0.0	-0.1	20	Good	Stained Wood Floor
3336A.4.9	0.4	-0.1	83	Good	White Metal Door Jamb
3336A.4.10	0.2	-0.1	20	Good	White Wood Door
3336A.4.11	-0.1	-0.1	20	Good	White Plaster Ceiling

Room 5 (Bedroom and 1/2 Bathroom)

3336A.5.1	-0.4	-0.1	20	Good	White Sheetrock Wall
3336A.5.2	0.1	-0.1	20	Good	White Plaster Ceiling
3336A.5.3	0.6	-0.1	83	Good	White Metal Door Casing
3336A.5.4	-0.3	-0.1	20	Good	White Wood Door
3336A.5.5	0.2	-0.1	20	Good	White Wood Window Sill
3336A.5.6	-0.2	-0.1	20	Good	White Wood Window Sash
3336A.5.7	-0.2	-0.1	20	Good	White Masonite Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3336A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====
Room 5 (continued)					
3336A.5.8	1.2	0.4	101	Good	White Wood Shelf
3336A.5.9	-0.0	-0.1	20	Good	White Sheetrock Wall
3336A.5.10	-0.1	-0.1	20	Good	White Wood Baseboard
3336A.5.10	-0.7	-0.1	20	Good	Duplicate
7094021194163501	1.2	1.2	83	Good	Calibration Check

3336A.5.11	0.3	-0.1	20	Good	White Metal Door Jamb
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Room 6 (Bedroom)

3336A.6.1	-0.1	-0.1	20	Good	White Sheetrock Wall
3336A.6.2	-0.0	-0.1	20	Good	White Wood Window Sill
3336A.6.3	-0.3	-0.1	20	Good	White Wood Window Sash
3336A.6.4	-0.1	-0.1	20	Good	White Wood Baseboard
3336A.6.5	-0.5	-0.1	20	Good	Stained Wood Floor
3336A.6.6	-0.1	-0.1	20	Good	White Plaster Ceiling
3336A.6.7	1.4	0.5	83	Good	White Wood Shelf
3336A.6.8	0.1	-0.1	20	Good	White Masonite Door
3336A.6.9	0.2	-0.1	20	Good	White Wood Door

Room 7 (Hallway and Bathroom)

3336A.7.1	-0.1	-0.1	98	Good	White Wood Baseboard
3336A.7.2	-0.3	-0.2	24	Good	Stained Wood Floor
3336A.7.3	-0.2	-0.1	24	Good	White Wood Attic Scuttle
3336A.7.4	-0.2	-0.1	24	Good	White Metal Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3336A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
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EXTERIOR XRF READINGS

3336A.1	6.1	0.7	24	Good	White Wood Porch Ceiling
3336A.2	8.2	0.7	24	Good	White Metal Porch Support
3336A.3	5.2	0.8	24	Good	White Wood Porch Rail
3336A.4	-0.1	-0.0	24	Good	White Wood Window Apron
3336A.5	7.2	0.3	24	Good	White Wood Porch Trim
3336A.6	8.7	0.7	24	Good	White Wood Fence
7094021194170001	0.7	0.6	98	N/A	Calibration Check
	1.02	0.7	98	N/A	NIST Standard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surf

paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3337A

Type Building: Three Bedroom Duplex

Date Constructed: 1958

Type Construction: Brick and Wood

Survey Summary

1. Unit 3337A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports, baseboard and curtain molding (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).
4. A photograph of Unit 3337A appears below.

**Field XRF Readings for Quarters 3337A
Ft. McClellan, Alabama**

Date Surveyed: 12 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021294071902	0.3	0.6	98	N/A	Calibration Check
7094021294071902	0.5	0.5	98	N/A	Calibration Check
7094021294071902	0.5	0.5	98	N/A	Calibration Check
7094021294071902	0.3	0.6	98	N/A	Calibration Check
7094021294071902	0.3	0.6	98	N/A	Calibration Check
000	-0.0	-0.1	98	N/A	Blank
1.02	0.9	1.1	98	N/A	NIST Standard

INTERIOR XRF READINGS

Room 1 (Foyer)

3337A.1.1	0.1	-0.1	24	Good	White Plaster Ceiling
3337A.1.2	-0.2	-0.1	24	Good	White Wood Door Casing
3337A.1.3	0.1	-0.1	24	Good	White Masonite Door
3337A.1.4	1.7	0.3	24	Good	White Wood Shelf Support
3337A.1.5	1.2	0.3	98	Good	White Wood Shelf (Inconclusive-See Sample 3337A.4.2)
3337A.1.6	-0.1	-0.1	24	Good	White Sheetrock Wall
3337A.1.7	1.6	0.2	98	Good	White Wood Baseboard
3337A.1.8	-0.7	-0.2	24	Good	Stained Wood Floor
3337A.1.9	0.5	-0.1	98	Good	White Metal Door Casing
3337A.1.10	0.4	-0.1	98	Good	White Metal Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (Kitchen)					
3337A.2.1	0.2	-0.1	24	Good	White Sheetrock Ceiling
3337A.2.2	0.2	-0.1	24	Good	White Wood Cabinet
3337A.2.3	0.2	-0.1	24	Good	White Wood Window Apron
3337A.2.4	0.3	-0.1	24	Good	White Wood Window Sill
3337A.2.5	-0.5	-0.1	24	Good	White Wood Window Casing
3337A.2.6	0.3	-0.1	24	Good	White Wood Window Sash
3337A.2.7	0.0	-0.1	24	Good	White Wood Door
Room 3 (Living/Dining Room)					
3337A.3.1	-1.0	-0.3	24	Good	White Concrete Block Wall
3337A.3.2	1.6	0.1	98	Good	White Wood Curtain Molding
3337A.3.3	0.2	-0.1	24	Good	White Plaster Ceiling
3337A.3.4	0.3	0.2	24	Good	White Metal Door
3337A.3.5	-0.0	-0.1	24	Good	White Sheetrock Wall
3337A.3.5	0.2	-0.1	24	Good	Duplicate
7094120294090902	0.2	0.5	98	N/A	Calibration Check

3337A.3.6	1.1	0.1	98	Good	White Wood Baseboard (Inconclusive-See Sample 3337A.5.6)
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Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 4 (Bedroom)					
3337A.4.1	0.9	0.1	98	Good	White Wood Shelf Support (Inconclusive- See Sample 3337A.1.7)
3337A.4.2	1.5	0.4	98	Good	White Wood Shelf
3337A.4.3	0.2	-0.1	24	Good	White Wood Window Casing
3337A.4.4	-0.0	-0.0	24	Good	White Wood Window Apron
3337A.4.5	-0.4	-0.2	24	Good	White Sheetrock Wall
3337A.4.6	-0.1	-0.1	24	Good	White Masonite Door
3337A.4.7	0.3	-0.1	24	Good	White Metal Door Jamb
Room 5 (Bedroom)					
3337A.5.1	-0.2	-0.1	24	Good	White Wood Window

ID#	K-Shell	L-Shell	Time	Condition	Comments
3337A.5.2	0.1	-0.1	24	Good	Sill White Plaster Ceiling
3337A.5.3	-1.2	-0.1	24	Good	Stained Wood Floor
3337A.5.4	-0.0	-0.1	24	Good	White Sheetrock Ceiling
3337A.5.5	0.2	-0.1	24	Good	White Wood Door
3337A.5.6	0.3	0.0	24	Good	White Wood Baseboard

Room 6 (Bedroom)

3337A.6.1	1.0	0.1	24	Good	White Wood Shelf Support (Inconclusive- See Sample 3337A.1.7)
3337A.6.2	0.0	-0.1	24	Good	White Wood Window Sash
3337A.6.3	0.3	-0.1	24	Good	White Sheetrock Wall

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 7 (Hallway and Bathroom)					
3337A.7.1	0.1	0.0	24	Good	White Wood Baseboard
3337A.7.2	0.0	-0.2	24	Good	White Sheetrock Ceiling
3337A.7.3	-0.3	-0.1	24	Good	White Wood Window Apron
3337A.7.4	0.1	-0.1	24	Good	White Wood Attic

Scuttle

EXTERIOR XRF READINGS

3337A.1	7.2	0.4	24	Good	White Wood Porch Ceiling
3337A.2	6.6	0.4	24	Good	White Metal Porch Support
3337A.3	7.2	0.7	24	Good	White Wood Porch Rail
3337A.4	-0.1	0.0	24	Good	White Wood Window Apron
3337A.5	5.2	0.3	24	Good	White Wood Porch Trim
3337A.6	0.1	-0.1	24	Good	White Wood Screen Trim
3337A.7	10.2	1.0	24	Good	White Wood Fence
7094120294100902	0.4	0.6	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3337B

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3337B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports, baseboard and curtain molding (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).
4. A photograph of Unit 3337B appears below.

**Field XRF Readings for Quarters 3337B
Ft. McClellan, Alabama**

Date Surveyed: 12 February 1994
Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094120294100902	0.4	0.6	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3337B.1.1	0.2	-0.1	24	Good	White Plaster Ceiling
3337B.1.2	0.1	-0.1	24	Good	White Wood Door Casing
3337B.1.3	0.1	-0.1	24	Good	White Masonite Door
3337B.1.4	1.4	0.3	98	Good	White Wood Shelf
3337B.1.5	-0.0	-0.1	24	Good	White Plaster Wall
3337B.1.6	1.4	0.1	98	Good	White Wood Baseboard
3337B.1.7	0.7	-0.1	98	Good	White Metal Door Jamb (Inconclusive-See Sample 3337B.2.8)

Room 2 (Kitchen)

3337B.2.1	0.1	-0.1	24	Good	White Wood Window Apron
3337B.2.2	-0.2	-0.1	24	Good	White Wood Window Sash
3337B.2.3	-0.4	-0.1	24	Good	White Wood Window Casing
33272.2.4	-0.3	-0.1	24	Good	White Wood Window Sill
3337B.2.5	-0.1	-0.1	24	Good	White Wood Cabinet
3337B.2.6	0.3	-0.1	24	Good	White Plaster Ceiling
3337B.2.7	-0.1	-0.1	98	Good	White Wood Door
3337B.2.8	0.4	-0.1	98	Good	White Metal Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3337B.3.1	1.6	0.3	98	Good	White Wood Curtain Molding
3337B.3.2	0.2	-0.1	24	Good	White Plaster Ceiling
3337B.3.3	0.2	-0.0	98	Good	White Metal Door
3337B.3.4	-1.5	-0.2	24	Good	Stained Wood Floor
3337B.3.5	-0.3	-0.2	24	Good	White Concrete Block Wall
3337B.3.5	-0.9	-0.3	24	Good	Duplicate
7094021294105601	0.3	-0.3	98	N/A	Calibration Check
3337B.3.6	0.1	-0.1	24	Good	White Plaster Wall
3337B.3.7	0.6	0.0	98	Good	White Wood Baseboard
Room 4 (Bedroom)					
3337B.4.1	1.5	0.3	98	Good	White Wood Shelf Support
3337B.4.2	1.0	0.3	98	Good	White Wood Shelf (Inconclusive-See Sample 3337B.5.6)
3337B.4.3	0.0	-0.1	24	Good	White Wood Window Apron
3337B.4.4	-0.4	-0.1	24	Good	White Wood Window

3337B.4.5	0.1	-0.1	24	Good	Casing White Plaster Wall
3337B.4.6	0.1	-0.1	24	Good	White Masonite Door
3337B.4.7	0.4	-0.1	98	Good	White Metal Door Casing
3337B.4.8	0.6	-0.1	98	Good	White Metal Door Jamb

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====
Room 5 (Bedroom and ½ Bathroom)					
3337B.5.1	-0.2	-0.2	24	Good	White Plaster Ceiling
3337B.5.2	0.3	-0.1	24	Good	White Wood Door
3337B.5.3	-0.1	-0.1	24	Good	White Plaster Ceiling
3337B.5.4	0.2	-0.1	24	Good	White Wood Window Sill
3337B.5.5	1.2	0.1	98	Good	White Wood Baseboard
3337B.5.6	1.4	0.3	98	Good	White Wood Shelf
Room 6 (Bedroom)					
3337B.6.1	0.1	-0.1	24	Good	White Wood Window Sash
3337B.6.2	0.3	-0.1	24	Good	White Plaster Wall
3337B.6.3	-0.1	-0.1	24	Good	White Masonite Doo

3337B.6.4	0.9	0.2	98	Good	White Wood Baseboard (Inconclusive - See Sample 3337B.1.6)
3337B.6.5	0.4	-0.1	98	Good	White Metal Door Casing

Room 7 (Hallway and Bathroom)

3337B.7.1	-0.9	-0.1	24	Good	Stained Wood Floor
3337B.7.1	-1.0	-0.2	24	Good	Duplicate
7094021294115401	0.3	0.5	98	N/A	Calibration Check
3337B.7.2	-0.7	-0.2	24	Good	White Plaster Ceiling
3337B.7.3	-0.3	-0.1	24	Good	White Wood Attic Scuttle

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3337B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

EXTERIOR XRF READINGS

3337B.1	6.6	0.8	24	Good	White Wood Porch Rail
3337B.2	8.1	0.6	24	Good	White Metal Porch Column

3337B.3	0.3	-0.0	24	Good	White Wood Window Apron
3337B.4	4.6	0.4	24	Good	White Wood Porch Ceiling
3337B.5	6.2	0.3	24	Good	White Wood Trim
7094021294120701	0.4	0.6	98	N/A	Calibration Check
1.02	0.7	1.0	98	N/A	NIST Standard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3339A

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3339A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports and baseboard (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).
4. A photograph of Unit 3339A appears below.

**Field XRF Readings for Quarters 3339A
Ft. McClellan, Alabama**

Date Surveyed: 14 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021494071501	0.5	0.5	98	N/A	Calibration Check
7094021494071501	0.4	0.6	98	N/A	Calibration Check
7094021494071501	0.4	0.5	98	N/A	Calibration Check
7094021494071501	0.4	0.6	98	N/A	Calibration Check
7094021494071501	0.4	0.6	98	N/A	Calibration Check
000	-0.3	-0.1	98	N/A	Blank
1.02	0.7	1.1	98	N/A	NIST Standard

INTERIOR XRF READINGS

Room 1 (Foyer)

3339A.1.1	0.1	-0.0	24	Good	White Plaster Ceiling
3339A.1.2	0.1	-0.1	24	Good	White Plaster Wall
3339A.1.3	1.8	0.2	24	Good	White Wood Baseboard
3339A.1.4	0.4	-0.1	98	Good	White Metal Door Casing
3339A.1.5	0.5	-0.1	98	Good	White Metal Door Jamb
3339A.1.6	0.1	-0.1	24	Good	White Wood Window Casing
3339A.1.7	1.8	0.7	24	Good	White Wood Shelf
3339A.1.8	1.3	0.2	98	Good	White Wood Shelf Support
3339A.1.9	-0.1	-0.1	24	Good	White Masonite Door
3339A.1.10	-1.2	-0.2	24	Good	Stained Wood Floor
3339A.1.11	0.2	-0.1	24	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3339A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 2 (Kitchen)					
3339A.2.1	0.2	-0.1	98	Good	White Wood Window Apron
3339A.2.2	-0.2	-0.0	24	Good	White Wood Window Sill
3339A.2.3	0.3	0.1	24	Good	White Wood Window Sash
3339A.2.4	-0.0	-0.1	24	Good	White Wood Window Casing
3339A.2.5	-0.4	-0.1	24	Good	White Wood Cabinet
3339A.2.6	0.5	-0.1	98	Good	White Wood Door Header
Room 3 (Living/Dining Room)					
3339A.3.1	1.1 ⁽¹⁾	0.2	98	Good	White Wood Curtain Molding (Inconclusive-Scrape Sample Taken)
3339A.3.2	0.2	-0.0	24	Good	White Plaster Ceiling
3339A.3.3	0.1	-0.2	24	Good	White Concrete Block Wall
3339A.3.4	0.1	-0.1	24	Good	White Wood Baseboard
3339A.3.5	0.3	0.1	98	Good	White Metal Door
3339A.3.6	-0.3	-0.1	24	Good	White Wood Window Casing
3339A.3.6	0.1	-0.1	24	Good	Duplicate

7094021494093601 0.2 -0.3 98 N/A Calibration Check

(1) Lab Analysis: negative (Results = 0.49% Lead, Action Level ≥ 0.5%)

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3339A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 4 (Bedroom)					
7094021494093601	0.4	0.6	98	N/A	Calibration Check
3339A.4.1	1.2	0.3	98	Good	White Wood Shelf (Inconclusive-See Sample 3339A.1.7)
3339A.4.2	1.4	0.3	98	Good	White Wood Shelf Support
3339A.4.3	0.2	-0.0	24	Good	White Wood Window Sill
3339A.4.4	-0.4	-0.1	24	Good	White Plaster Wall
3339A.4.5	0.6	-0.1	98	Good	White Metal Door Casing

Room 5 (Bedroom and ½ Bathroom)

3339A.5.1	-0.4	-0.2	24	Good	White Plaster Ceilir
3339A.5.2	0.5	-0.1	98	Good	White Metal Door Jamb
3339A.5.3	0.1	0.0	24	Good	White Plaster Ceiling
3339A.5.4	0.2	-0.1	24	Good	White Wood Window Apron
3339A.5.6	0.2	-0.1	24	Good	White Wood Door

Room 6 (Bedroom)

3339A.6.1	1.6	0.1	98	Good	White Wood Baseboard
3339A.6.2	0.2	-0.1	24	Good	White Wood Window Sash
3339A.6.3	-0.1	-0.1	24	Good	White Plaster Wall
3339A.6.4	1.3	0.4	98	Good	White Wood Shelf
3339A.6.5	0.5	-0.1	98	Good	White Metal Door Casing

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3339A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					

Room 7 (Hallway and Bathroom)

3339A.7.1	-0.3	-0.1	24	Good	White Wood Window Casing
3339A.7.2	0.4	-0.1	98	Good	White Metal Door Jamb

3339A.7.3	-0.2	-0.1	24	Good	White Wood Attic Scuttle
3339A.7.4	-0.7	-0.2	24	Good	Stained Wood Floor
3339A.7.4	-0.4	-0.1	24	Good	Duplicate
7094021494102301	0.5	0.6	98	N/A	Calibration Check

EXTERIOR XRF READINGS

3339A.1	8.1	0.5	24	Good	White Wood Trim
3339A.2	6.4	0.8	24	Good	White Wood Ceiling
3339A.3	0.2	0.1	24	Good	White Wood Window Apron
3339A.4	7.5	0.5	24	Good	White Porch Column
3339A.5	0.2	-0.0	24	Good	White Wood Window Casing
3339A.6	10.8	1.3	24	Good	White Wood Fence

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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14 October 1994

**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3340A

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3340A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports, baseboard and curtain molding. Metal door components (e.g., jambs, casings, etc.) also tested positive for lead-based paint (see field XRF readings).
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).
4. A photograph of Unit 3340A appears below.

**Field XRF Readings for Quarters 3340A
Ft. McClellan, Alabama**

Date Surveyed: 14 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021494103501	0.2	0.6	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3340A.1.1	-0.2	-0.1	24	Good	White Plaster Ceiling
3340A.1.2	1.8	0.3	24	Good	White Wood Baseboard
3340A.1.3	-0.0	-0.1	24	Good	White Sheetrock Wall
3340A.1.4	-0.1	-0.1	24	Good	White Wood Door Casing
3340A.1.5	1.1	0.2	98	Good	White Wood Shelf (Inconclusive - See Sample 3340A.4.3)
3340A.1.6	1.8	0.2	24	Good	White Metal Door Jamb

Room 2 (Kitchen)

3340A.2.1	0.1	-0.1	24	Good	White Wood Window Sill
3340A.2.2	0.1	-0.1	24	Good	White Wood Window Sash
3340A.2.3	0.1	-0.1	24	Good	White Wood Window Casing
3340A.2.4	0.1	-0.1	98	Good	White Wood Window Apron
3340A.2.5	-0.0	-0.1	24	Good	White Sheetrock Ceiling
3340A.2.6	-0.3	-0.1	24	Good	White Wood Cabinet
3340A.2.6	-0.3	-0.1	24	Good	Duplicate
7094140294113902	0.4	0.6	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3340A
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm²	L-Shell mg/cm²	Time seconds	Condition	Comments
Room 3 (Living/Dining Room)					
3340A.3.1	0.5	-0.0	98	Good	White Wood Curtain Molding
3340A.3.2	0.1	-0.1	24	Good	White Plaster Ceiling
3340A.3.3	0.3	0.2	98	Good	White Metal Door
3340A.3.4	-0.6	-0.1	98	Good	White Concrete Block Wall
3340A.3.5	0.2	-0.1	24	Good	White Sheetrock Wall
3340A.3.6	0.1	-0.2	24	Good	White Wood Window Casing
Room 4 (Bedroom)					
3340A.4.1	1.8	0.2	24	Good	White Wood Shelf Support
3340A.4.2	0.2	-0.1	24	Good	White Wood Window Apron
3340A.4.3	2.6	0.4	24	Good	White Wood Baseboard
3340A.4.4	0.0	-0.1	24	Good	White Masonite Door
3340A.4.5	1.3	0.1	98	Good	White Metal Door Casing
Room 5 (Bedroom and 1/2 Bathroom)					
3340A.5.1	-0.1	-0.1	24	Good	White Wood Window Sill

3340A.5.2	-0.1	-0.1	24	Good	White Plaster Ceiling
3340A.5.3	-0.3	-0.1	24	Good	White Sheetrock Ceiling
3340A.5.4	-0.1	-0.1	24	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3340A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 6 (Bedroom)					
3340A.6.1	-0.1	-0.1	24	Good	White Wood Window Sash
3340A.6.2	1.4	0.7	98	Good	White Wood Shelf
3340A.6.3	0.0	-0.1	24	Good	White Sheetrock Wall
3340A.6.4	1.5	0.2	98	Good	White Metal Door Jamb
Room 7 (Hallway and Bathroom)					
3340A.7.1	0.2	-0.1	24	Good	White Sheetrock Ceiling
3340A.7.2	-0.1	-0.1	24	Good	White Wood Attic Scuttle
3340A.7.3	-0.8	-0.2	24	Good	Stained Wood Floor

7094140294122202 0.4 0.5 98 N/A Calibration Check

EXTERIOR XRF READINGS

3340A.1	6.8	0.5	24	Good	White Wood Porch Ceiling
3340A.2	6.9	0.3	24	Good	White Wood Trim
3340A.3	6.3	0.4	24	Good	White Metal Porch Support
3340A.4	0.1	0.0	98	Good	White Wood Window Apron
3340A.5	3.9	0.4	24	Good	White Wood Porch Rail
3340A.6	-0.3	-0.0	24	Good	White Wood Window Casing
3340A.7	7.8	1.0	24	Good	White Wood Fence

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3341B

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3341B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.

2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports, baseboard and curtain molding (see field XRF readings).

3. Positive XRF readings for lead-based paint were only obtained on the wood privacy fence on the exterior of this unit (see floorplan).

4. A photograph of Unit 3341B appears below.

**Field XRF Readings for Quarters 3341B
Ft. McClellan, Alabama**

Date Surveyed: 14 February 1994
Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094140294131702	0.3	0.7	98	N/A	Calibration Check
7094140294131702	0.5	0.7	98	N/A	Calibration Check
7094140294131702	0.3	0.6	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3341B.1.1	0.4	-0.1	98	Good	White Metal Door Jamb
3341B.1.2	0.2	-0.1	98	Good	White Metal Door Casing
3341B.1.3	1.0	0.2	98	Good	White Wood Shelf (Inconclusive-See Sample 3341B.5.2)
3341B.1.4	0.3	-0.1	98	Good	White Wood Door Casing
3341B.1.5	0.0	-0.1	24	Good	White Plaster Wall
3341B.1.6	0.7	-0.1	98	Good	White Wood Baseboard (Inconclusive-See Sample 3341B.3.4)
3341B.1.7	-0.1	-0.1	24	Good	White Plaster Ceiling

Room 2 (Kitchen)

3341B.2.1	0.1	-0.1	24	Good	White Wood Window Apron
3341B.2.2	-0.0	-0.1	24	Good	White Wood Window Sill
3341B.2.3	0.1	-0.1	24	Good	White Wood Window Sash
3341B.2.4	0.1	-0.1	98	Good	White Wood Window Casing
3341B.2.5	-0.3	-0.1	24	Good	White Wood Cabine

3341B.2.6	0.3	-0.1	24	Good	White Plaster Ceiling
3341B.2.7	-0.0	-0.1	24	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3341B
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 3 (Living/Dining Room)					
3341B.3.1	1.7	0.0	98	Good	White Wood Curtain Molding
3341B.3.2	-0.2	-0.1	24	Good	White Plaster Ceiling
3341B.3.3	-0.5	-0.2	24	Good	White Concrete Block Wall
3341B.3.4	0.1	-0.1	24	Good	White Wood Baseboard
3341B.3.5	0.2	-0.0	98	Good	White Metal Door
3341B.3.6	0.1	-0.1	24	Good	White Plaster Wall
3341B.3.6	-0.3	-0.1	24	Good	Duplicate
7094021494141601	0.5	-0.3	98	N/A	Calibration Check
7094021494141601	0.4	0.5	98	N/A	Calibration Check
3341B.3.7	-0.0	-0.1	24	Good	White Wood Window Sill
Room 4 (Bedroom)					
3341B.4.1	-0.3	-0.2	24	Good	White Wood Window Casing
3341B.4.2	1.5	0.1	98	Good	White Wood Shelf Support
3341B.4.3	-0.1	-0.2	24	Good	White Wood Door
3341B.4.4	1.8	0.1	24	Good	White Wood Baseboard
3341B.4.5	0.4	-0.1	98	Good	White Metal Door

Jamb

Room 5 (Bedroom and ½ Bathroom)

3341B.5.1	0.1	-0.1	24	Good	White Wood Window Sash
3341B.5.2	1.7	0.5	98	Good	White Wood Shelf
3341B.5.3	-0.2	-0.1	24	Good	White Plaster Ceiling
3341B.5.4	-0.6	-0.2	24	Good	Stained Wood Floor
3341B.5.5	0.1	-0.1	24	Good	White Masonite Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3341B (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 6 (Bedroom)					
3341B.6.1	0.1	-0.1	24	Good	White Wood Window Apron
3341B.6.2	0.2	-0.1	24	Good	White Plaster Wall
3341B.6.3	-0.0	-0.1	24	Good	White Plaster Ceiling
3341B.6.4	0.4	-0.1	98	Good	White Metal Door Casing

Room 7 (Hallway and Bathroom)

3341B.7.1	0.2	-0.1	24	Good	White Wood Attic Scuttle
3341B.7.2	0.3	-0.1	24	Good	White Plaster Wall
3341B.7.3	0.6	-0.0	98	Good	White Wood Baseboard

EXTERIOR XRF READINGS

3341B.1	0.5	0.0	98	Good	White Metal Porch Support
3341B.2	-0.2	0.0	98	Good	White Wood Porch Rail
3341B.3	0.1	-0.0	24	Good	White Wood Trim
3341B.4	-0.1	0.0	24	Good	White Wood Porch Ceiling
3341B.5	-0.0	0.0	24	Good	White Wood Window Casing
3341B.6	0.2	-0.0	24	Good	White Wood Window Apron
3341B.7	12.9	1.0	24	Good	White Wood Fence
7094021494150701	0.4	0.5	98	N/A	Calibration Check

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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Fort McClellan LBP Survey Summary Avery Family Housing Group

Unit 3343A

Type Building: Three Bedroom Duplex

Date Constructed: 1958

Type Construction: Brick and Wood

Survey Summary

1. Unit 3343A is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.

2. On the interior of this unit positive XRF readings were obtained on wood shelves, shelf supports and baseboard (see field XRF readings).

3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs also tested positive (see floorplan).

4. A photograph of Unit 3343A appears below.

**Field XRF Readings for Quarters 3343A
Ft. McClellan, Alabama**

Date Surveyed: 14 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021494150701	0.4	0.5	98	N/A	Calibration Check

INTERIOR XRF READINGS

Room 1 (Foyer)

3343A.1.1	-0.0	-0.1	24	Good	White Plaster Ceiling
3343A.1.2	1.4	0.1	98	Good	White Wood Baseboard
3343A.1.3	0.1	-0.1	24	Good	White Sheetrock Wall
3343A.1.4	0.1	-0.1	24	Good	White Masonite Door
3343A.1.5	1.8	0.4	24	Good	White Wood Shelf Support
3343A.1.6	0.9	0.2	98	Good	White Wood Shelf (Inconclusive-See Sample 3343A.5.6)
3343A.1.7	0.2	-0.1	24	Good	White Wood Door Casing
3343A.1.8	0.5	-0.1	98	Good	White Wood Door Jamb

Room 2 (Kitchen)

3343A.2.1	-0.2	-0.1	24	Good	White Wood Window Sill
3343A.2.2	0.2	-0.1	98	Good	White Wood Window Apron
3343A.2.3	0.2	-0.1	24	Good	White Wood Window Sash
3343A.2.4	-0.1	-0.0	24	Good	White Wood Window Casing

Positive XRF Readings (if any) appear in Bold.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3343A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
Room 2 (continued)					
3343A.2.5	0.1	-0.1	24	Good	White Sheetrock Ceiling
3343A.2.6	0.1	-0.1	24	Good	White Wood Cabinet
3343A.2.7	0.6	-0.1	98	Good	White Metal Door Header
3343A.2.8	0.2	-0.1	24	Good	White Wood Door
Room 3 (Living/Dining Room)					
3343A.3.1	0.3	-0.1	24	Good	White Concrete Block Wall
3343A.3.2	0.0	-0.1	98	Good	White Sheetrock Wall
3343A.3.3	0.2	0.1	98	Good	White Metal Door
3343A.3.4	0.1	-0.1	24	Good	White Plaster Ceiling
3343A.3.5	-0.0	-0.1	24	Good	White Wood Window Casing
3343A.3.6	-0.9	-0.1	24	Good	Stained Wood Floor
3343A.3.6	-0.0	-0.2	24	Good	Duplicate
7094021494161902	0.3	0.6	98	N/A	Calibration Check
Room 4 (Bedroom and ½ Bathroom)					
3343A.4.1	-0.1	-0.1	20	Good	White Wood Window Casing

3343A.4.2	-0.4	-0.1	20	Good	White Plaster Wall
3343A.4.3	-0.0	-0.1	20	Good	White Plaster Ceiling
3343A.4.4	0.6	-0.1	83	Good	White Metal Door Jamb
3343A.4.5	0.1	-0.1	20	Good	White Wood Door

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3343A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====					
Room 4 (continued)					
3343A.4.6	-0.0	-0.1	20	Good	White Wood Window Casing
3343A.4.7	0.0	-0.1	20	Good	Off-White Plaster Wall
3343A.4.8	1.2	0.2	83	Good	White Wood Baseboard (Inconclusive-See Sample 3343A.6.4)
3343A.4.9	-0.0	-0.1	20	Good	White Masonite Door
Room 5 (Bedroom)					
3343A.5.1	-0.4	-0.0	20	Good	White Wood Window Sill
3343A.5.2	-0.1	-0.1	20	Good	White Wood Window Sash

3343A.5.3	0.1	-0.1	20	Good	Off-White Plaster Wall
3343A.5.4	-0.1	-0.0	20	Good	Off-White Masonite Door
3343A.5.5	0.2	-0.0	83	Good	Off-White Door Track
3343A.5.6	1.7	0.3	20	Good	White Wood Shelf

Room 6 (Bedroom)

3343A.6.1	1.2	0.6	83	Good	White Wood Shelf (Inconclusive-See Sample 3343.5.6)
3343A.6.2	0.3	-0.1	20	Good	White Wood Window Apron
3343A.6.3	-0.2	-0.0	20	Good	Off-White Plaster Wall
3343A.6.4	0.2	0.1	83	Good	White Wood Baseboard
3343A.6.5	0.1	-0.1	20	Good	White Plaster Ceiling

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Field XRF Readings for Quarters 3343A (continued)
Ft. McClellan, Alabama**

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
=====	=====	=====	=====	=====	=====

Room 7 (Hallway and Bathroom)

3343A.7.1	-0.1	-0.0	24	Good	White Wood Window Apron
3343A.7.2	-0.4	-0.1	24	Good	White Sheetrock Ceiling
3343A.7.3	1.6	0.2	24	Good	White Wood Baseboard

						(Inconclusive-See Sample 3343A.6.4)
3343A.7.4	0.4	-0.1	98	Good		White Metal Door Casing
3343A.7.5	-0.1	-0.1	24	Good		White Wood Attic Scuttle

EXTERIOR XRF READINGS

3343A.1	9.9	0.6	24	Good		White Metal Porch Support
3343A.2	7.5	0.4	24	Good		White Wood Porch Rail
3343A.3	5.5	0.4	24	Good		White Wood Trim
3343A.4	6.0	0.5	24	Good		White Wood Porch Ceiling
3343A.5	0.2	0.0	24	Good		White Wood Window Casing
3343A.6	0.3	-0.0	24	Good		White Wood Window Apron
3343A.7	15.0	1.4	24	Good		White Wood Fence
7094021494164102	0.4	0.6	98	N/A		Calibration Check
1.02	0.9	1.0	98	N/A		NIST Standard

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.

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**Fort McClellan LBP Survey Summary
Avery Family Housing Group**

Unit 3343B (Exterior Only)

Type Building: Three Bedroom Duplex
Date Constructed: 1958
Type Construction: Brick and Wood

Survey Summary

1. Unit 3343B is typical of Units 3310 - 3343 (referred to as the Avery Family Housing Group) located on Avery Drive.
2. No interior XRF readings were made on the interior of this unit.
3. Based on the survey results, it is reasonable to assume that, except for wood window components, all wood components (e.g., porch ceiling, porch rails, fence, porch trim, etc.) on the exterior of this unit contain positive levels of lead-based paint. The metal poles supporting porch roofs tested positive as well as green paint on an exterior concrete slab (see floorplan).
4. A photograph of Unit 3343A appears below.

**Field XRF Readings for Quarters 3343B
Ft. McClellan, Alabama**

Date Surveyed: 15 February 1994

Surveyors: BS, JS

ID#	K-Shell mg/cm ²	L-Shell mg/cm ²	Time seconds	Condition	Comments
7094021594074001	0.6	0.7	98	N/A	Calibration Check
7094021594074001	0.4	0.6	98	N/A	Calibration Check
7094021594074001	0.5	0.6	98	N/A	Calibration Check
7094021594074001	0.6	0.7	98	N/A	Calibration Check
7094021594074001	0.6	0.7	98	N/A	Calibration Check
0000	0.1	-0.1	98	N/A	Blank
1.02	0.9	1.0	98	N/A	NIST Standard

EXTERIOR XRF READINGS

3343B.1	8.9	0.6	24	Good	White Metal Porch Support
3343B.2	7.3	0.6	24	Good	White Wood Porch Rail
3343B.3	4.6	0.4	24	Good	White Wood Trim
3343B.4	7.0	0.7	24	Good	White Wood Porch Ceiling
3343B.5	1.7	0.7	24	Good	Green Concrete Slab
3343B.6	-0.0	0.0	24	Good	White Wood Window Apron
3343B.7	0.1	0.1	24	Good	White Wood Window Casing
3343B.8	18.0	1.3	24	Good	White Wood Fence

Positive XRF Readings (if any) appear in **Bold**.

K-shell and L-shell columns are lead concentrations in mg/cm². K-shell is total lead (multi-layered paint surfaces) and L-shell is essentially surface paint films. All positive results are based on K-shell readings as per HUD guidelines.